

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012199.D
 Acq On : 16 Jan 2023 14:34
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 14:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 13:57:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	208490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	242775	103.630	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 207.260%#			
35) Dibromofluoromethane	7.716	113	222675	106.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 213.040%#			
50) Toluene-d8	10.179	98	819241	99.288	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 198.580%#			
62) 4-Bromofluorobenzene	12.483	95	307749	106.704	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 213.400%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	236192	126.549	ug/l	98
3) Chloromethane	2.113	50	232374	135.565	ug/l	100
4) Vinyl Chloride	2.253	62	272679	134.568	ug/l	98
5) Bromomethane	2.631	94	198439	128.022	ug/l	99
6) Chloroethane	2.784	64	180282	134.290	ug/l	96
7) Trichlorofluoromethane	3.125	101	533290	132.107	ug/l	98
8) Diethyl Ether	3.527	74	165049	133.541	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	268729	129.293	ug/l	95
10) Methyl Iodide	4.088	142	416311	147.752	ug/l	96
11) Tert butyl alcohol	4.960	59	151339	435.229	ug/l	98
12) 1,1-Dichloroethene	3.869	96	276973	135.927	ug/l	96
13) Acrolein	3.729	56	53521	353.840	ug/l	99
14) Allyl chloride	4.479	41	361209	131.498	ug/l #	88
15) Acrylonitrile	5.161	53	384331	661.861	ug/l	99
16) Acetone	3.948	43	469424	851.799	ug/l	99
17) Carbon Disulfide	4.192	76	855111	148.831	ug/l	100
18) Methyl Acetate	4.479	43	204053	128.718	ug/l	90
19) Methyl tert-butyl Ether	5.222	73	796131	132.743	ug/l	94
20) Methylene Chloride	4.716	84	320606	111.734	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	304371	134.991	ug/l	91
22) Diisopropyl ether	6.118	45	697127	123.370	ug/l #	92
23) Vinyl Acetate	6.058	43	2286941	668.808	ug/l	94
24) 1,1-Dichloroethane	6.015	63	474899	126.347	ug/l	98
25) 2-Butanone	6.984	43	519829	714.939	ug/l	90
26) 2,2-Dichloropropane	6.978	77	505656	124.704	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	336451	130.646	ug/l	95
28) Bromochloromethane	7.332	49	98630	103.794	ug/l #	79
29) Tetrahydrofuran	7.344	42	287280	676.886	ug/l #	86
30) Chloroform	7.508	83	538200	125.615	ug/l	99
31) Cyclohexane	7.783	56	425687	126.383	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	542606	130.388	ug/l	98
36) 1,1-Dichloropropene	7.917	75	410936	129.569	ug/l	98
37) Ethyl Acetate	7.069	43	196810	115.895	ug/l #	95
38) Carbon Tetrachloride	7.899	117	517769	128.622	ug/l	100
39) Methylcyclohexane	9.185	83	524437	138.422	ug/l	94
40) Benzene	8.161	78	1182619	127.962	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012199.D
 Acq On : 16 Jan 2023 14:34
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 14:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 13:57:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	107306m	116.183	ug/l	
42) 1,2-Dichloroethane	8.234	62	371025	126.804	ug/l	99
43) Isopropyl Acetate	8.271	43	372712	130.965	ug/l #	96
44) Trichloroethene	8.941	130	349231	129.414	ug/l	97
45) 1,2-Dichloropropane	9.215	63	253972	123.336	ug/l	100
46) Dibromomethane	9.307	93	167217	128.994	ug/l	97
47) Bromodichloromethane	9.496	83	420287	127.509	ug/l	99
48) Methyl methacrylate	9.295	41	179364	140.701	ug/l	94
49) 1,4-Dioxane	9.301	88	49394	2751.617	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	1004437	663.296	ug/l	96
52) Toluene	10.246	92	789842	129.115	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	448355	130.755	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	477227	128.646	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	234468	125.232	ug/l	98
56) Ethyl methacrylate	10.508	69	335819	136.922	ug/l	96
57) 1,3-Dichloropropane	10.788	76	389713	126.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	534173	595.437	ug/l	92
59) 2-Hexanone	10.831	43	776109	729.892	ug/l	95
60) Dibromochloromethane	10.983	129	313051	126.812	ug/l	99
61) 1,2-Dibromoethane	11.087	107	231425	129.146	ug/l	100
64) Tetrachloroethene	10.721	164	365089	127.581	ug/l	98
65) Chlorobenzene	11.514	112	842151	126.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	320565	124.456	ug/l	98
67) Ethyl Benzene	11.593	91	1535729	128.786	ug/l	99
68) m/p-Xylenes	11.703	106	1203720	257.369	ug/l	100
69) o-Xylene	12.032	106	573468	128.775	ug/l	99
70) Styrene	12.044	104	969563	128.172	ug/l	99
71) Bromoform	12.209	173	210448	128.591	ug/l #	99
73) Isopropylbenzene	12.331	105	1525295	131.518	ug/l	98
74) N-amyl acetate	12.142	43	337381	140.911	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	251588	128.959	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	185709m	110.969	ug/l	
77) Bromobenzene	12.611	156	359084	129.816	ug/l	94
78) n-propylbenzene	12.672	91	1773957	131.028	ug/l	99
79) 2-Chlorotoluene	12.758	91	1002816	129.487	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1291608	129.845	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	101588	134.812	ug/l	98
82) 4-Chlorotoluene	12.855	91	1039235	128.298	ug/l	98
83) tert-Butylbenzene	13.075	119	1142627	131.102	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1284295	130.431	ug/l	99
85) sec-Butylbenzene	13.257	105	1614796	128.903	ug/l	98
86) p-Isopropyltoluene	13.373	119	1401783	129.160	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	699605	126.175	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	693311	125.172	ug/l	99
89) n-Butylbenzene	13.696	91	1236807	131.506	ug/l	99
90) Hexachloroethane	13.965	117	250097	124.213	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	625273	126.581	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	53324	137.523	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	430955	139.935	ug/l	99
94) Hexachlorobutadiene	15.111	225	243621	131.110	ug/l	99
95) Naphthalene	15.239	128	929118	152.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	379033	141.558	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
Data File : VY012199.D
Acq On : 16 Jan 2023 14:34
Operator : KP/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 14:46:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 16 13:57:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012199.D
 Acq On : 16 Jan 2023 14:34
 Operator : KP/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Quant Time: Jan 16 14:46:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 13:57:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

