

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012170.D
 Acq On : 12 Jan 2023 12:02
 Operator : KP/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 13:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	277819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87858	43.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.480%		
35) Dibromofluoromethane	7.716	113	86859	47.566	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.140%		
50) Toluene-d8	10.179	98	323818	44.928	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.860%		
62) 4-Bromofluorobenzene	12.483	95	120197	47.710	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34618	21.935	ug/l	100
3) Chloromethane	2.113	50	37057	26.703	ug/l	98
4) Vinyl Chloride	2.253	62	40745	23.182	ug/l	96
5) Bromomethane	2.643	94	27733	21.730	ug/l	95
6) Chloroethane	2.796	64	25871	22.217	ug/l	94
7) Trichlorofluoromethane	3.131	101	71369	20.382	ug/l	100
8) Diethyl Ether	3.533	74	23568	21.984	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.899	101	40204	22.300	ug/l	97
10) Methyl Iodide	4.094	142	54283	22.211	ug/l	99
11) Tert butyl alcohol	4.954	59	25829	87.279	ug/l	95
12) 1,1-Dichloroethene	3.875	96	40451	22.886	ug/l	94
13) Acrolein	3.735	56	13993	114.673	ug/l	100
14) Allyl chloride	4.478	41	56715	23.803	ug/l	97
15) Acrylonitrile	5.161	53	54628	108.457	ug/l	99
16) Acetone	3.942	43	51736	108.230	ug/l	100
17) Carbon Disulfide	4.198	76	117227	25.161	ug/l	100
18) Methyl Acetate	4.478	43	28494	20.722	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	106083	20.392	ug/l	96
20) Methylene Chloride	4.716	84	58804	26.292	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	45096	23.058	ug/l	93
22) Diisopropyl ether	6.118	45	118400	24.156	ug/l	97
23) Vinyl Acetate	6.063	43	335297	113.047	ug/l	98
24) 1,1-Dichloroethane	6.015	63	75480	23.151	ug/l	99
25) 2-Butanone	6.984	43	67586	107.163	ug/l	95
26) 2,2-Dichloropropane	6.978	77	72709	20.673	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	49635	22.220	ug/l	98
28) Bromochloromethane	7.338	49	9691	11.757	ug/l	90
29) Tetrahydrofuran	7.350	42	40188	109.166	ug/l	94
30) Chloroform	7.508	83	81219	21.854	ug/l	98
31) Cyclohexane	7.789	56	66404	24.052	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	75540	20.927	ug/l	99
36) 1,1-Dichloropropene	7.917	75	60227	21.739	ug/l	99
37) Ethyl Acetate	7.075	43	29547	19.919	ug/l	96
38) Carbon Tetrachloride	7.905	117	69831	19.859	ug/l	98
39) Methylcyclohexane	9.185	83	72476	21.900	ug/l	99
40) Benzene	8.161	78	178985	22.171	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012170.D
 Acq On : 12 Jan 2023 12:02
 Operator : KP/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 13:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	16260m	20.154	ug/l	
42) 1,2-Dichloroethane	8.240	62	50455	19.741	ug/l	98
43) Isopropyl Acetate	8.270	43	51400	20.676	ug/l	98
44) Trichloroethene	8.941	130	51020	21.644	ug/l	98
45) 1,2-Dichloropropane	9.215	63	41185	22.897	ug/l	97
46) Dibromomethane	9.307	93	24066	21.253	ug/l	98
47) Bromodichloromethane	9.496	83	60049	20.856	ug/l	99
48) Methyl methacrylate	9.295	41	22526	20.229	ug/l	92
49) 1,4-Dioxane	9.301	88	6395	407.836	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	134600	101.756	ug/l	97
52) Toluene	10.246	92	116513	21.804	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	61551	20.550	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	70033	21.613	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	34276	20.958	ug/l	99
56) Ethyl methacrylate	10.508	69	43990	20.533	ug/l	95
57) 1,3-Dichloropropane	10.788	76	57755	21.398	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	81613	104.146	ug/l	94
59) 2-Hexanone	10.831	43	94430	101.666	ug/l	95
60) Dibromochloromethane	10.983	129	43232	20.048	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32744	20.919	ug/l	99
64) Tetrachloroethene	10.721	164	53599	21.674	ug/l	98
65) Chlorobenzene	11.514	112	123026	21.339	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	46838	21.042	ug/l	99
67) Ethyl Benzene	11.593	91	216419	21.001	ug/l	99
68) m/p-Xylenes	11.703	106	171773	42.499	ug/l	98
69) o-Xylene	12.032	106	82077	21.327	ug/l	97
70) Styrene	12.044	104	135831	20.778	ug/l	98
71) Bromoform	12.209	173	28167	19.916	ug/l #	99
73) Isopropylbenzene	12.331	105	219569	21.031	ug/l	99
74) N-amyl acetate	12.142	43	44016	20.421	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	36726	20.912	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	24851m	16.495	ug/l	
77) Bromobenzene	12.611	156	51389	20.637	ug/l	95
78) n-propylbenzene	12.672	91	260737	21.393	ug/l	99
79) 2-Chlorotoluene	12.757	91	146323	20.988	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	188147	21.011	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13920	20.520	ug/l	95
82) 4-Chlorotoluene	12.855	91	151522	20.779	ug/l	99
83) tert-Butylbenzene	13.074	119	160108	20.407	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	187432	21.145	ug/l	100
85) sec-Butylbenzene	13.251	105	235030	20.841	ug/l	98
86) p-Isopropyltoluene	13.373	119	203331	20.812	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	102298	20.495	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	101378	20.332	ug/l	99
89) n-Butylbenzene	13.696	91	180240	21.289	ug/l	99
90) Hexachloroethane	13.958	117	37956	20.941	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	90507	20.353	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6515	18.665	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	55279	19.939	ug/l	98
94) Hexachlorobutadiene	15.111	225	35622	21.296	ug/l	98
95) Naphthalene	15.239	128	98975	18.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46248	19.187	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
Data File : VY012170.D
Acq On : 12 Jan 2023 12:02
Operator : KP/MD
Sample : VY0112SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/13/2023
Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 13:36:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 07 01:46:48 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\VY011223\
 Data File : VY012170.D
 Acq On : 12 Jan 2023 12:02
 Operator : KP/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

Quant Time: Jan 12 13:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

