

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013230.D
 Acq On : 10 Apr 2023 17:00
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 11 10:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 10:54:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	91450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	129635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	10619	10.326	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.660%#		
35) Dibromofluoromethane	7.716	113	8683	10.047	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.100%#		
50) Toluene-d8	10.179	98	29841	9.863	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	19.720%#		
62) 4-Bromofluorobenzene	12.477	95	10394	9.620	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	19.240%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	8247	10.848	ug/l	98
3) Chloromethane	2.107	50	11239	12.112	ug/l	98
4) Vinyl Chloride	2.247	62	9613	12.271	ug/l	95
5) Bromomethane	2.644	94	7647	11.199	ug/l	88
6) Chloroethane	2.790	64	6928	12.094	ug/l	96
7) Trichlorofluoromethane	3.119	101	14831	11.693	ug/l	89
8) Diethyl Ether	3.528	74	5113	10.622	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	8473	10.955	ug/l	97
10) Methyl Iodide	4.088	142	10135	10.873	ug/l	98
11) Tert butyl alcohol	4.960	59	8644	48.527	ug/l #	74
12) 1,1-Dichloroethene	3.863	96	7697	11.424	ug/l	96
13) Acrolein	3.735	56	5831	60.605	ug/l	99
14) Allyl chloride	4.479	41	15607	10.901	ug/l	91
15) Acrylonitrile	5.161	53	16919	51.128	ug/l	99
16) Acetone	3.948	43	20496	48.975	ug/l	98
17) Carbon Disulfide	4.192	76	21647	12.195	ug/l	100
18) Methyl Acetate	4.479	43	13420	10.801	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	25654	9.997	ug/l	97
20) Methylene Chloride	4.710	84	17159	10.215	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	8859	11.208	ug/l	91
22) Diisopropyl ether	6.112	45	33375	10.527	ug/l	91
23) Vinyl Acetate	6.058	43	101275	50.882	ug/l	98
24) 1,1-Dichloroethane	6.015	63	18122	11.073	ug/l	99
25) 2-Butanone	6.984	43	26563	49.111	ug/l	96
26) 2,2-Dichloropropane	6.978	77	16473	10.660	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	10016	10.503	ug/l	91
28) Bromochloromethane	7.332	49	8246	10.672	ug/l	92
29) Tetrahydrofuran	7.344	42	16147	51.193	ug/l	95
30) Chloroform	7.502	83	18410	10.780	ug/l	97
31) Cyclohexane	7.783	56	15040	9.900	ug/l #	82
32) 1,1,1-Trichloroethane	7.698	97	16172	10.808	ug/l	97
36) 1,1-Dichloropropene	7.917	75	12930	10.879	ug/l	96
37) Ethyl Acetate	7.070	43	10723	9.747	ug/l	97
38) Carbon Tetrachloride	7.899	117	14877	10.750	ug/l	95
39) Methylcyclohexane	9.185	83	12926	10.349	ug/l	95
40) Benzene	8.161	78	37688	10.764	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013230.D
 Acq On : 10 Apr 2023 17:00
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 11 10:59:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 10:54:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5395	9.404	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	13759	10.697	ug/l	98
43) Isopropyl Acetate	8.271	43	19499	10.146	ug/l	96
44) Trichloroethene	8.941	130	9752	10.672	ug/l	97
45) 1,2-Dichloropropane	9.216	63	10144	10.639	ug/l	97
46) Dibromomethane	9.307	93	6114	10.535	ug/l	99
47) Bromodichloromethane	9.490	83	14950	10.669	ug/l	93
48) Methyl methacrylate	9.289	41	8192	9.707	ug/l	91
49) 1,4-Dioxane	9.307	88	1473	178.439	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	53523	49.111	ug/l	95
52) Toluene	10.240	92	22741	10.358	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	14705	10.015	ug/l	90
54) cis-1,3-Dichloropropene	9.929	75	16583	10.531	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	8314	10.130	ug/l	96
56) Ethyl methacrylate	10.508	69	10588	9.233	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	13945	10.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	25870	49.738	ug/l	99
59) 2-Hexanone	10.831	43	39111	48.663	ug/l	93
60) Dibromochloromethane	10.984	129	10282	10.067	ug/l	100
61) 1,2-Dibromoethane	11.087	107	8210	10.479	ug/l	98
64) Tetrachloroethene	10.715	164	8823	11.023	ug/l	96
65) Chlorobenzene	11.514	112	26213	10.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	10317	10.500	ug/l	95
67) Ethyl Benzene	11.593	91	43642	10.177	ug/l	96
68) m/p-Xylenes	11.703	106	32598	19.978	ug/l	96
69) o-Xylene	12.026	106	15453	9.963	ug/l	100
70) Styrene	12.044	104	26192	9.903	ug/l	98
71) Bromoform	12.209	173	6997	9.923	ug/l #	99
73) Isopropylbenzene	12.325	105	40036	9.677	ug/l	98
74) N-amyl acetate	12.142	43	14813	9.360	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	11304	10.221	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	8072m	9.713	ug/l	
77) Bromobenzene	12.605	156	10724	10.187	ug/l	98
78) n-propylbenzene	12.672	91	50321	9.881	ug/l	100
79) 2-Chlorotoluene	12.758	91	29313	10.108	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	33582	9.814	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	3880	9.974	ug/l	90
82) 4-Chlorotoluene	12.855	91	30868	10.194	ug/l	98
83) tert-Butylbenzene	13.075	119	29910	9.777	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	33604	9.877	ug/l	99
85) sec-Butylbenzene	13.251	105	43736	9.728	ug/l	99
86) p-Isopropyltoluene	13.367	119	36980	9.813	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	21502	10.431	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	21725	10.335	ug/l	95
89) n-Butylbenzene	13.697	91	33955	9.612	ug/l	99
90) Hexachloroethane	13.959	117	8087	10.122	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	19253	10.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2186	10.372	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	11212	9.567	ug/l	95
94) Hexachlorobutadiene	15.111	225	7261	10.493	ug/l	95
95) Naphthalene	15.233	128	23817	9.023	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	10649	9.735	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
Data File : VY013230.D
Acq On : 10 Apr 2023 17:00
Operator : KP/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 11 10:59:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 11 10:54:28 2023
Response via : Initial Calibration

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

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

