

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013547.D
 Acq On : 02 May 2023 11:29
 Operator : KP/MD
 Sample : VY0502SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBS01

Quant Time: May 03 01:31:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	288934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	434465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	397081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	162969	51.453	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.900%			
35) Dibromofluoromethane	7.716	113	141062	51.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.240%			
50) Toluene-d8	10.179	98	492792	50.694	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.380%			
62) 4-Bromofluorobenzene	12.483	95	178088	54.342	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59497	21.660	ug/l	97
3) Chloromethane	2.113	50	69723	18.936	ug/l	97
4) Vinyl Chloride	2.253	62	70214	19.152	ug/l	98
5) Bromomethane	2.650	94	56513	19.344	ug/l	100
6) Chloroethane	2.790	64	48206	19.034	ug/l	100
7) Trichlorofluoromethane	3.125	101	116406	20.960	ug/l	99
8) Diethyl Ether	3.534	74	38465	20.339	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	63192	20.285	ug/l	98
10) Methyl Iodide	4.088	142	72067	18.419	ug/l	98
11) Tert butyl alcohol	4.979	59	38067m	107.077	ug/l	
12) 1,1-Dichloroethene	3.875	96	60948	20.297	ug/l	96
13) Acrolein	3.729	56	30140	103.728	ug/l	97
14) Allyl chloride	4.479	41	107397	19.275	ug/l	97
15) Acrylonitrile	5.168	53	112959	106.649	ug/l	97
16) Acetone	3.954	43	129158	103.547	ug/l	98
17) Carbon Disulfide	4.192	76	190498	19.530	ug/l	100
18) Methyl Acetate	4.479	43	83208	20.198	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	176051	20.308	ug/l	99
20) Methylene Chloride	4.716	84	84731	16.218	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	68043	20.724	ug/l	98
22) Diisopropyl ether	6.119	45	224457	20.610	ug/l	95
23) Vinyl Acetate	6.064	43	685713	111.206	ug/l	96
24) 1,1-Dichloroethane	6.021	63	125940	20.749	ug/l	99
25) 2-Butanone	6.990	43	168483	106.507	ug/l	95
26) 2,2-Dichloropropane	6.978	77	112427	21.496	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	75537	20.823	ug/l	97
28) Bromochloromethane	7.332	49	45190	20.981	ug/l	86
29) Tetrahydrofuran	7.350	42	101446	103.023	ug/l	95
30) Chloroform	7.503	83	129738	21.499	ug/l	99
31) Cyclohexane	7.789	56	107921	19.031	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	115907	21.524	ug/l	98
36) 1,1-Dichloropropene	7.917	75	95742	21.111	ug/l	97
37) Ethyl Acetate	7.076	43	71503	20.951	ug/l	95
38) Carbon Tetrachloride	7.899	117	107807	22.680	ug/l	95
39) Methylcyclohexane	9.185	83	107722	20.148	ug/l	95
40) Benzene	8.161	78	277778	21.744	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013547.D
 Acq On : 02 May 2023 11:29
 Operator : KP/MD
 Sample : VY0502SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBS01

Quant Time: May 03 01:31:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/03/2023
 Supervised By :Mahesh Dadoda 05/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	36889m	23.195	ug/l	
42) 1,2-Dichloroethane	8.234	62	94864	22.714	ug/l	99
43) Isopropyl Acetate	8.271	43	122357	21.241	ug/l	97
44) Trichloroethene	8.941	130	73930	21.756	ug/l	100
45) 1,2-Dichloropropane	9.216	63	72353	21.661	ug/l	98
46) Dibromomethane	9.301	93	43371	21.701	ug/l	98
47) Bromodichloromethane	9.496	83	99619	22.276	ug/l	97
48) Methyl methacrylate	9.295	41	58819	22.233	ug/l	90
49) 1,4-Dioxane	9.319	88	12165	426.192	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	356214	110.970	ug/l	96
52) Toluene	10.246	92	172845	22.484	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	104778	22.138	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	115891	21.761	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	59107	22.333	ug/l	94
56) Ethyl methacrylate	10.508	69	81868	22.296	ug/l	94
57) 1,3-Dichloropropane	10.789	76	100927	22.516	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	161433	117.245	ug/l	95
59) 2-Hexanone	10.831	43	265189	113.648	ug/l	96
60) Dibromochloromethane	10.984	129	73307	22.811	ug/l	99
61) 1,2-Dibromoethane	11.087	107	59148	22.731	ug/l	96
64) Tetrachloroethene	10.721	164	65386	21.655	ug/l	96
65) Chlorobenzene	11.514	112	184137	21.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	72847	22.518	ug/l	98
67) Ethyl Benzene	11.593	91	322836	21.254	ug/l	100
68) m/p-Xylenes	11.703	106	251722	43.594	ug/l	98
69) o-Xylene	12.032	106	115855	21.215	ug/l	96
70) Styrene	12.044	104	202355	22.161	ug/l	100
71) Bromoform	12.209	173	52121	23.001	ug/l #	99
73) Isopropylbenzene	12.331	105	310831	19.940	ug/l	99
74) N-amyl acetate	12.142	43	109252	19.695	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	76790	20.154	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	48673m	17.512	ug/l	
77) Bromobenzene	12.611	156	81096	21.470	ug/l	97
78) n-propylbenzene	12.672	91	388811	20.250	ug/l	98
79) 2-Chlorotoluene	12.758	91	213652	19.926	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	262691	20.646	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	27249	20.054	ug/l	95
82) 4-Chlorotoluene	12.855	91	229623	20.547	ug/l	99
83) tert-Butylbenzene	13.075	119	222324	20.169	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	261798	21.164	ug/l	99
85) sec-Butylbenzene	13.251	105	334890	20.243	ug/l	99
86) p-Isopropyltoluene	13.367	119	277073	20.827	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	154977	21.536	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	155380	21.375	ug/l	99
89) n-Butylbenzene	13.697	91	265521	20.449	ug/l	97
90) Hexachloroethane	13.959	117	57579	20.564	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	139298	21.436	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13986	20.784	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	87191	22.505	ug/l	96
94) Hexachlorobutadiene	15.111	225	52459	23.265	ug/l	99
95) Naphthalene	15.239	128	177252	21.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78021	22.594	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
Data File : VY013547.D
Acq On : 02 May 2023 11:29
Operator : KP/MD
Sample : VY0502SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/03/2023
Supervised By :Mahesh Dadoda 05/03/2023

Quant Time: May 03 01:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

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

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

