

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017922.D
 Acq On : 12 Apr 2024 13:30
 Operator : SY/MD
 Sample : VY0412SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/15/2024

Quant Time: Apr 13 00:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73672	63.288	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.580%			
35) Dibromofluoromethane	7.716	113	77489	61.223	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.440%			
50) Toluene-d8	10.185	98	280938	59.421	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 118.840%			
62) 4-Bromofluorobenzene	12.489	95	84771	58.932	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19275	21.425	ug/l	98
3) Chloromethane	2.107	50	30945	17.624	ug/l	98
4) Vinyl Chloride	2.247	62	49305	21.487	ug/l	99
5) Bromomethane	2.637	94	47856	25.793	ug/l	96
6) Chloroethane	2.784	64	45894	30.654	ug/l	99
7) Trichlorofluoromethane	3.113	101	75845	33.893	ug/l	95
8) Diethyl Ether	3.521	74	12699	19.319	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	27260	20.313	ug/l	98
10) Methyl Iodide	4.082	142	25028	17.149	ug/l	97
11) Tert butyl alcohol	4.936	59	11175	118.012	ug/l	99
12) 1,1-Dichloroethene	3.863	96	21469	17.096	ug/l	89
13) Acrolein	3.728	56	7043	86.359	ug/l	97
14) Allyl chloride	4.466	41	25920	16.824	ug/l	88
15) Acrylonitrile	5.149	53	28095	101.253	ug/l	97
16) Acetone	3.936	43	22433	93.229	ug/l	91
17) Carbon Disulfide	4.186	76	36833	10.364	ug/l	98
18) Methyl Acetate	4.472	43	11043	20.720	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	60717	21.116	ug/l	96
20) Methylene Chloride	4.710	84	30984	19.388	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	23450	17.450	ug/l	96
22) Diisopropyl ether	6.112	45	73621	20.674	ug/l	93
23) Vinyl Acetate	6.051	43	209495	96.357	ug/l	99
24) 1,1-Dichloroethane	6.009	63	48746	20.625	ug/l	99
25) 2-Butanone	6.984	43	33004	96.282	ug/l	92
26) 2,2-Dichloropropane	6.978	77	41715	20.435	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	32162	20.251	ug/l	99
28) Bromochloromethane	7.325	49	18282	19.021	ug/l	91
29) Tetrahydrofuran	7.344	42	19326	93.961	ug/l	99
30) Chloroform	7.502	83	54514	22.230	ug/l	100
31) Cyclohexane	7.783	56	30571	14.908	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	44260	21.206	ug/l	97
36) 1,1-Dichloropropene	7.917	75	31852	17.248	ug/l	97
37) Ethyl Acetate	7.069	43	15627	19.609	ug/l	98
38) Carbon Tetrachloride	7.905	117	38277	19.966	ug/l	94
39) Methylcyclohexane	9.185	83	33328	14.448	ug/l	94
40) Benzene	8.155	78	107326	18.858	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017922.D
 Acq On : 12 Apr 2024 13:30
 Operator : SY/MD
 Sample : VY0412SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0412SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/15/2024
 Supervised By :Semsettin Yesilyurt 04/15/2024

Quant Time: Apr 13 00:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10552m	25.474	ug/l	
42) 1,2-Dichloroethane	8.234	62	30376	21.685	ug/l	98
43) Isopropyl Acetate	8.270	43	27920	19.305	ug/l	99
44) Trichloroethene	8.941	130	27314	18.447	ug/l	99
45) 1,2-Dichloropropane	9.215	63	26463	20.010	ug/l	94
46) Dibromomethane	9.307	93	15601	20.764	ug/l	97
47) Bromodichloromethane	9.496	83	41546	21.884	ug/l	97
48) Methyl methacrylate	9.295	41	11401	20.514	ug/l #	88
49) 1,4-Dioxane	9.301	88	3191	378.321	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	77403	116.531	ug/l	97
52) Toluene	10.246	92	66303	19.206	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	33919	20.122	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	41148	20.001	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	21704	21.679	ug/l	93
56) Ethyl methacrylate	10.514	69	24745	22.319	ug/l	96
57) 1,3-Dichloropropane	10.794	76	34690	20.487	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	61587	107.203	ug/l	99
59) 2-Hexanone	10.837	43	50522	109.574	ug/l	96
60) Dibromochloromethane	10.989	129	27868	22.070	ug/l	99
61) 1,2-Dibromoethane	11.093	107	18985	20.797	ug/l	100
64) Tetrachloroethene	10.721	164	31610	18.700	ug/l	97
65) Chlorobenzene	11.520	112	78307	19.696	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	28044	20.774	ug/l	98
67) Ethyl Benzene	11.599	91	128287	18.771	ug/l	98
68) m/p-Xylenes	11.709	106	98100	37.848	ug/l	98
69) o-Xylene	12.032	106	45946	22.859	ug/l	98
70) Styrene	12.050	104	79632	23.227	ug/l	99
71) Bromoform	12.215	173	15614	20.867	ug/l #	100
73) Isopropylbenzene	12.337	105	124899	16.265	ug/l	99
74) N-amyl acetate	12.148	43	23372	18.003	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	27218	20.490	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	17896m	17.922	ug/l	
77) Bromobenzene	12.617	156	37096	20.283	ug/l	99
78) n-propylbenzene	12.678	91	185613	19.809	ug/l	98
79) 2-Chlorotoluene	12.763	91	108104	21.062	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	130305	21.743	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	7140	18.418	ug/l	94
82) 4-Chlorotoluene	12.861	91	112767	21.218	ug/l	99
83) tert-Butylbenzene	13.080	119	122174	22.423	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	162015	27.144	ug/l	99
85) sec-Butylbenzene	13.257	105	174577	21.347	ug/l	100
86) p-Isopropyltoluene	13.373	119	147582	21.590	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	78732	21.695	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	73575	21.181	ug/l	98
89) n-Butylbenzene	13.702	91	172053	27.357	ug/l	98
90) Hexachloroethane	13.964	117	46699	34.356	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	105070	34.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5825	32.450	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	57054	34.627	ug/l	99
94) Hexachlorobutadiene	15.117	225	35788	35.830	ug/l	98
95) Naphthalene	15.245	128	83301	33.384	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	34012	24.437	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
Data File : VY017922.D
Acq On : 12 Apr 2024 13:30
Operator : SY/MD
Sample : VY0412SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0412SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024

Quant Time: Apr 13 00:34:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

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

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

Manual Integrations

Reviewed By :Mahesh Dadoda 04/15/2024
Supervised By :Semsettin Yesilyurt 04/15/2024

[illegible]