

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017046.D
 Acq On : 19 Jan 2024 11:02
 Operator : SY/MD
 Sample : VY0119SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:18:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	147398	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	248165	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	211670	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	91960	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	75036	51.507	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.020%			
35) Dibromofluoromethane	7.752	113	82784	52.349	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.700%			
50) Toluene-d8	10.209	98	277688	50.993	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.508	95	96208	52.365	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	20948	16.851	ug/l	96
3) Chloromethane	2.138	50	27621	15.952	ug/l	98
4) Vinyl Chloride	2.272	62	34773	17.026	ug/l	100
5) Bromomethane	2.674	94	26831	18.337	ug/l	99
6) Chloroethane	2.820	64	25167	18.216	ug/l	93
7) Trichlorofluoromethane	3.156	101	48090	19.110	ug/l	98
8) Diethyl Ether	3.558	74	16205	20.150	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.942	101	32550	19.893	ug/l	100
10) Methyl Iodide	4.137	142	24429	17.549	ug/l	98
11) Tert butyl alcohol	4.991	59	13132	104.599	ug/l	97
12) 1,1-Dichloroethene	3.912	96	26712	19.027	ug/l	94
13) Acrolein	3.765	56	14315	84.912	ug/l	97
14) Allyl chloride	4.527	41	42469	19.135	ug/l	99
15) Acrylonitrile	5.210	53	38537	102.444	ug/l	98
16) Acetone	3.985	43	48552	122.956	ug/l	95
17) Carbon Disulfide	4.235	76	45627	13.602	ug/l	98
18) Methyl Acetate	4.521	43	28002	17.941	ug/l	100
19) Methyl tert-butyl Ether	5.271	73	75711	20.729	ug/l	95
20) Methylene Chloride	4.765	84	35984	13.549	ug/l	98
21) trans-1,2-Dichloroethene	5.271	96	29860	18.571	ug/l	98
22) Diisopropyl ether	6.161	45	107328	20.917	ug/l	98
23) Vinyl Acetate	6.106	43	249618	106.097	ug/l	99
24) 1,1-Dichloroethane	6.064	63	61751	20.027	ug/l	97
25) 2-Butanone	7.027	43	60876	117.302	ug/l	99
26) 2,2-Dichloropropane	7.021	77	54607	20.425	ug/l	100
27) cis-1,2-Dichloroethene	7.027	96	37810	20.060	ug/l	98
28) Bromochloromethane	7.374	49	20364	17.592	ug/l	97
29) Tetrahydrofuran	7.393	42	29718	100.788	ug/l	99
30) Chloroform	7.545	83	66358	20.884	ug/l	100
31) Cyclohexane	7.826	56	44139	17.653	ug/l	94
32) 1,1,1-Trichloroethane	7.746	97	55535	20.613	ug/l	99
36) 1,1-Dichloropropene	7.954	75	44081	19.127	ug/l	99
37) Ethyl Acetate	7.112	43	21304	20.341	ug/l	99
38) Carbon Tetrachloride	7.941	117	47273	20.189	ug/l	100
39) Methylcyclohexane	9.216	83	45736	17.653	ug/l	99
40) Benzene	8.197	78	135650	19.621	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017046.D
 Acq On : 19 Jan 2024 11:02
 Operator : SY/MD
 Sample : VY0119SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:18:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	11854	21.490	ug/l	91
42) 1,2-Dichloroethane	8.277	62	37061	20.193	ug/l	100
43) Isopropyl Acetate	8.307	43	40812	20.349	ug/l	99
44) Trichloroethene	8.972	130	35679	20.281	ug/l	94
45) 1,2-Dichloropropane	9.246	63	36567	20.531	ug/l	98
46) Dibromomethane	9.338	93	18431	20.290	ug/l	98
47) Bromodichloromethane	9.527	83	50422	20.671	ug/l	94
48) Methyl methacrylate	9.325	41	21029	19.428	ug/l	94
49) 1,4-Dioxane	9.325	88	3997	424.971	ug/l	96
51) 4-Methyl-2-Pentanone	10.100	43	111945	104.952	ug/l	100
52) Toluene	10.270	92	84159	20.171	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	43482	19.901	ug/l	99
54) cis-1,3-Dichloropropene	9.959	75	53494	20.387	ug/l	97
55) 1,1,2-Trichloroethane	10.673	97	27949	21.061	ug/l	98
56) Ethyl methacrylate	10.532	69	22883	20.358	ug/l	98
57) 1,3-Dichloropropane	10.819	76	45487	20.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.813	63	52869	86.972	ug/l	99
59) 2-Hexanone	10.856	43	84647	107.777	ug/l	100
60) Dibromochloromethane	11.008	129	32275	21.090	ug/l	99
61) 1,2-Dibromoethane	11.112	107	23381	20.279	ug/l	98
64) Tetrachloroethene	10.746	164	27226	19.840	ug/l	97
65) Chlorobenzene	11.538	112	90108	20.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.612	131	35695	21.295	ug/l	99
67) Ethyl Benzene	11.618	91	164780	20.757	ug/l	99
68) m/p-Xylenes	11.727	106	119603	41.045	ug/l	100
69) o-Xylene	12.050	106	56583	20.713	ug/l	99
70) Styrene	12.069	104	84674	21.297	ug/l	99
71) Bromoform	12.233	173	17867	21.652	ug/l #	96
73) Isopropylbenzene	12.349	105	160816	21.415	ug/l	100
74) N-amyl acetate	12.166	43	31791	21.071	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.605	83	32300	21.110	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	21243m	21.287	ug/l	
77) Bromobenzene	12.630	156	34350	20.776	ug/l	99
78) n-propylbenzene	12.697	91	192746	21.113	ug/l	99
79) 2-Chlorotoluene	12.782	91	105355	20.811	ug/l	99
80) 1,3,5-Trimethylbenzene	12.837	105	127169	21.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	8984	20.443	ug/l	99
82) 4-Chlorotoluene	12.880	91	108791	21.035	ug/l	98
83) tert-Butylbenzene	13.099	119	115210	22.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	124402	21.269	ug/l	99
85) sec-Butylbenzene	13.276	105	169114	21.818	ug/l	99
86) p-Isopropyltoluene	13.392	119	136712	21.371	ug/l	99
87) 1,3-Dichlorobenzene	13.392	146	67882	20.934	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	67617	21.320	ug/l	98
89) n-Butylbenzene	13.715	91	132053	21.470	ug/l	100
90) Hexachloroethane	13.983	117	29270	21.294	ug/l	100
91) 1,2-Dichlorobenzene	13.764	146	59184	21.120	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	4017	20.936	ug/l	94
93) 1,2,4-Trichlorobenzene	15.032	180	30415	21.857	ug/l	97
94) Hexachlorobutadiene	15.135	225	18702	21.454	ug/l	100
95) Naphthalene	15.257	128	51361	21.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	24586	20.808	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
Data File : VY017046.D
Acq On : 19 Jan 2024 11:02
Operator : SY/MD
Sample : VY0119SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:18:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
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\VY011924\
 Data File : VY017046.D
 Acq On : 19 Jan 2024 11:02
 Operator : SY/MD
 Sample : VY0119SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/22/2024
 Supervised By :Semsettin Yesilyurt 01/22/2024

Quant Time: Jan 19 22:18:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

