

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017690.D
 Acq On : 18 Mar 2024 15:47
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 04:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	140346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	202924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	94775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69133	51.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.960%			
35) Dibromofluoromethane	7.722	113	79528	50.097	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.200%			
50) Toluene-d8	10.185	98	292398	52.680	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.489	95	91028	52.184	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20180	19.492	ug/l	98
3) Chloromethane	2.113	50	38289	20.242	ug/l	97
4) Vinyl Chloride	2.253	62	52001	21.429	ug/l	99
5) Bromomethane	2.643	94	45766	23.143	ug/l	97
6) Chloroethane	2.790	64	34852	22.766	ug/l	100
7) Trichlorofluoromethane	3.119	101	51015	20.627	ug/l	99
8) Diethyl Ether	3.527	74	16158	22.274	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	31326	22.020	ug/l	99
10) Methyl Iodide	4.094	142	33812	21.178	ug/l	99
11) Tert butyl alcohol	4.954	59	11727	103.794	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	28334	21.371	ug/l	97
13) Acrolein	3.729	56	12889	86.458	ug/l	99
14) Allyl chloride	4.478	41	35398	22.097	ug/l	96
15) Acrylonitrile	5.161	53	34861	116.904	ug/l	99
16) Acetone	3.948	43	31726	122.976	ug/l	93
17) Carbon Disulfide	4.198	76	81360	20.445	ug/l	97
18) Methyl Acetate	4.478	43	13449	21.488	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	69910	22.623	ug/l	99
20) Methylene Chloride	4.716	84	36264	20.717	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	33078	21.309	ug/l	95
22) Diisopropyl ether	6.125	45	84472	22.851	ug/l	98
23) Vinyl Acetate	6.064	43	260423	118.224	ug/l	98
24) 1,1-Dichloroethane	6.021	63	56425	22.342	ug/l	97
25) 2-Butanone	6.984	43	45814	124.609	ug/l	96
26) 2,2-Dichloropropane	6.978	77	46588	21.941	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	37710	21.636	ug/l	99
28) Bromochloromethane	7.338	49	21683	21.800	ug/l	98
29) Tetrahydrofuran	7.350	42	26221	118.310	ug/l	99
30) Chloroform	7.508	83	60563	22.524	ug/l	96
31) Cyclohexane	7.789	56	45670	21.098	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	51861	22.216	ug/l	99
36) 1,1-Dichloropropene	7.923	75	44161	20.618	ug/l	99
37) Ethyl Acetate	7.076	43	19076	22.550	ug/l #	96
38) Carbon Tetrachloride	7.905	117	44302	20.638	ug/l	98
39) Methylcyclohexane	9.185	83	52056	20.223	ug/l	96
40) Benzene	8.161	78	135965	21.376	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017690.D
 Acq On : 18 Mar 2024 15:47
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 04:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9672m	22.784	ug/l	
42) 1,2-Dichloroethane	8.240	62	33988	21.900	ug/l	99
43) Isopropyl Acetate	8.277	43	34531	23.229	ug/l	99
44) Trichloroethene	8.941	130	37689	20.557	ug/l	100
45) 1,2-Dichloropropane	9.215	63	33322	22.019	ug/l	96
46) Dibromomethane	9.307	93	18823	21.734	ug/l	98
47) Bromodichloromethane	9.502	83	45933	21.843	ug/l	99
48) Methyl methacrylate	9.295	41	14966	21.750	ug/l	95
49) 1,4-Dioxane	9.307	88	4638	473.191	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	93870	113.300	ug/l	99
52) Toluene	10.246	92	85881	21.417	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	42262	21.652	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	50979	21.495	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	26585	21.620	ug/l	96
56) Ethyl methacrylate	10.514	69	30045	21.390	ug/l	99
57) 1,3-Dichloropropane	10.794	76	43265	21.640	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	72428	102.072	ug/l	99
59) 2-Hexanone	10.837	43	68243	119.917	ug/l	100
60) Dibromochloromethane	10.990	129	31561	21.696	ug/l	98
61) 1,2-Dibromoethane	11.093	107	24952	22.019	ug/l	99
64) Tetrachloroethene	10.721	164	38137	19.580	ug/l	97
65) Chlorobenzene	11.520	112	89518	20.783	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	33237	20.598	ug/l	99
67) Ethyl Benzene	11.599	91	155559	20.593	ug/l	96
68) m/p-Xylenes	11.709	106	124535	41.957	ug/l	98
69) o-Xylene	12.032	106	57454	20.864	ug/l	96
70) Styrene	12.050	104	93860	20.534	ug/l	98
71) Bromoform	12.215	173	18910	21.148	ug/l #	97
73) Isopropylbenzene	12.337	105	147917	21.007	ug/l	99
74) N-amyl acetate	12.148	43	28329	22.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	28184	23.309	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	20605m	22.882	ug/l	
77) Bromobenzene	12.611	156	36083	21.161	ug/l	98
78) n-propylbenzene	12.678	91	182999	21.660	ug/l	100
79) 2-Chlorotoluene	12.764	91	100512	21.249	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	121218	21.488	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	9025	23.029	ug/l	96
82) 4-Chlorotoluene	12.861	91	104156	21.528	ug/l	98
83) tert-Butylbenzene	13.081	119	103078	20.809	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	119128	21.391	ug/l	100
85) sec-Butylbenzene	13.257	105	162871	21.505	ug/l	100
86) p-Isopropyltoluene	13.373	119	131348	21.186	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	70667	20.647	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	70981	21.332	ug/l	99
89) n-Butylbenzene	13.702	91	120836	21.363	ug/l	99
90) Hexachloroethane	13.965	117	26726	21.502	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	61833	21.358	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3826	22.508	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	32477	21.238	ug/l	100
94) Hexachlorobutadiene	15.123	225	20401	21.609	ug/l	99
95) Naphthalene	15.245	128	54994	21.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	27671	21.093	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
Data File : VY017690.D
Acq On : 18 Mar 2024 15:47
Operator : SY/MD
Sample : VY0318SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0318SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 04:09:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 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\VY031824\
 Data File : VY017690.D
 Acq On : 18 Mar 2024 15:47
 Operator : SY/MD
 Sample : VY0318SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0318SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/19/2024
 Supervised By :Semsettin Yesilyurt 03/19/2024

Quant Time: Mar 19 04:09:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

