

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021779.D
 Acq On : 04 Apr 2025 10:49
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 04 23:38:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	222129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	342162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	299516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119747	49.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.634	113	115582	52.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.140%
50) Toluene-d8	10.103	98	437387	51.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.408	95	145713	51.018	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	42153	18.309	ug/l	98
3) Chloromethane	2.068	50	59338	18.329	ug/l	98
4) Vinyl Chloride	2.202	62	66651	18.205	ug/l	98
5) Bromomethane	2.592	94	47838	19.158	ug/l	96
6) Chloroethane	2.732	64	44266	18.477	ug/l	99
7) Trichlorofluoromethane	3.056	101	86996	18.549	ug/l	97
8) Diethyl Ether	3.458	74	23057	18.078	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	47581	19.235	ug/l	98
10) Methyl Iodide	4.000	142	47402	17.468	ug/l	99
11) Tert butyl alcohol	4.872	59	13129	83.987	ug/l	96
12) 1,1-Dichloroethene	3.787	96	43256	18.565	ug/l	94
13) Acrolein	3.653	56	17313	60.655	ug/l	95
14) Allyl chloride	4.385	41	67244	18.101	ug/l	99
15) Acrylonitrile	5.055	53	47972	90.082	ug/l	99
16) Acetone	3.872	43	39791	80.784	ug/l	96
17) Carbon Disulfide	4.104	76	136817	17.828	ug/l	99
18) Methyl Acetate	4.378	43	21903	17.942	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	102651	17.696	ug/l	97
20) Methylene Chloride	4.610	84	48920	17.807	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	47181	18.392	ug/l	94
22) Diisopropyl ether	6.018	45	146004	18.736	ug/l	97
23) Vinyl Acetate	5.957	43	405658	88.983	ug/l	100
24) 1,1-Dichloroethane	5.909	63	87235	18.721	ug/l	99
25) 2-Butanone	6.896	43	59419	84.459	ug/l	99
26) 2,2-Dichloropropane	6.884	77	77434	18.682	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	53338	18.489	ug/l	99
28) Bromochloromethane	7.244	49	38032	19.353	ug/l	99
29) Tetrahydrofuran	7.262	42	39739	87.766	ug/l	99
30) Chloroform	7.421	83	90247	18.621	ug/l	98
31) Cyclohexane	7.701	56	75857	17.858	ug/l #	94
32) 1,1,1-Trichloroethane	7.616	97	83924	19.159	ug/l	99
36) 1,1-Dichloropropene	7.835	75	66042	19.535	ug/l	99
37) Ethyl Acetate	6.982	43	29052	18.209	ug/l	99
38) Carbon Tetrachloride	7.817	117	75873	19.595	ug/l	98
39) Methylcyclohexane	9.109	83	74878	18.540	ug/l	97
40) Benzene	8.079	78	193271	19.090	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021779.D
 Acq On : 04 Apr 2025 10:49
 Operator : SY/MD
 Sample : VY0404SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 04 23:38:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	15817m	18.667	ug/l	100
42) 1,2-Dichloroethane	8.158	62	54392	19.057	ug/l	99
43) Isopropyl Acetate	8.195	43	54667	18.080	ug/l	98
44) Trichloroethene	8.865	130	50130	19.433	ug/l	100
45) 1,2-Dichloropropane	9.140	63	46400	19.361	ug/l	98
46) Dibromomethane	9.231	93	25939	18.781	ug/l	99
47) Bromodichloromethane	9.420	83	69458	19.408	ug/l	97
48) Methyl methacrylate	9.219	41	25306	18.236	ug/l	96
49) 1,4-Dioxane	9.231	88	5687	384.365	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	141751	90.088	ug/l	98
52) Toluene	10.170	92	119838	18.972	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	59854	18.829	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	69651	18.573	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	34633	19.485	ug/l	99
56) Ethyl methacrylate	10.438	69	40910	18.026	ug/l	97
57) 1,3-Dichloropropane	10.719	76	57918	18.868	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	105979	95.722	ug/l	98
59) 2-Hexanone	10.761	43	92448	88.221	ug/l	99
60) Dibromochloromethane	10.908	129	46610	19.207	ug/l	99
61) 1,2-Dibromoethane	11.011	107	31579	18.940	ug/l	99
64) Tetrachloroethene	10.646	164	55676	20.410	ug/l	97
65) Chlorobenzene	11.444	112	131622	19.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	46936	19.267	ug/l	99
67) Ethyl Benzene	11.517	91	223644	18.996	ug/l	99
68) m/p-Xylenes	11.627	106	173569	38.499	ug/l	98
69) o-Xylene	11.956	106	78213	18.794	ug/l	99
70) Styrene	11.969	104	132607	19.111	ug/l	99
71) Bromoform	12.133	173	27344	19.678	ug/l #	100
73) Isopropylbenzene	12.255	105	211355	18.722	ug/l	98
74) N-amyl acetate	12.072	43	45960	17.347	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	36248	17.859	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	27503m	18.255	ug/l	99
77) Bromobenzene	12.529	156	50842	18.757	ug/l	100
78) n-propylbenzene	12.597	91	259575	19.126	ug/l	99
79) 2-Chlorotoluene	12.676	91	149376	18.949	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	174371	18.899	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	11725	17.932	ug/l	100
82) 4-Chlorotoluene	12.779	91	156430	19.034	ug/l	99
83) tert-Butylbenzene	12.999	119	154652	18.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	173659	19.044	ug/l	100
85) sec-Butylbenzene	13.176	105	231681	19.291	ug/l	99
86) p-Isopropyltoluene	13.291	119	190946	19.237	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	102012	19.103	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	99610	18.879	ug/l	99
89) n-Butylbenzene	13.615	91	171547	18.688	ug/l	98
90) Hexachloroethane	13.877	117	41020	18.858	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	89545	19.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5695	18.104	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	46354	18.388	ug/l	99
94) Hexachlorobutadiene	15.023	225	30099	19.118	ug/l	99
95) Naphthalene	15.145	128	71772	17.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39094	18.186	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
Data File : VY021779.D
Acq On : 04 Apr 2025 10:49
Operator : SY/MD
Sample : VY0404SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 04 23:38:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0404SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

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

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

04/07/2025
Supervised By :Semsettin
Yesilyurt

04/07/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021779.D
 Acq On : 04 Apr 2025 10:49
 Operator : SY/MD
 Sample : VY0404SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0404SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

Quant Time: Apr 04 23:38:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

