

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021577.D
 Acq On : 20 Mar 2025 13:08
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

Quant Time: Mar 21 01:32:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	363313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	95996	40.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.240%
35) Dibromofluoromethane	7.634	113	93762	39.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.520%
50) Toluene-d8	10.103	98	345075	38.163	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.320%
62) 4-Bromofluorobenzene	12.407	95	120746	39.257	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.861	85	35365	17.022	ug/l	99
3) Chloromethane	2.068	50	48476	16.550	ug/l	100
4) Vinyl Chloride	2.202	62	56016	17.500	ug/l	97
5) Bromomethane	2.592	94	41029	17.735	ug/l	100
6) Chloroethane	2.732	64	37959	17.945	ug/l	98
7) Trichlorofluoromethane	3.055	101	81052	18.142	ug/l	94
8) Diethyl Ether	3.452	74	23428	18.922	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	46976	18.416	ug/l	99
10) Methyl Iodide	4.006	142	48209	18.593	ug/l	99
11) Tert butyl alcohol	4.866	59	17445	98.471	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	42098	18.102	ug/l	98
13) Acrolein	3.647	56	11647	95.694	ug/l	93
14) Allyl chloride	4.378	41	67147	17.867	ug/l	99
15) Acrylonitrile	5.055	53	52787	100.153	ug/l	100
16) Acetone	3.872	43	40374	77.359	ug/l	93
17) Carbon Disulfide	4.110	76	111516	15.301	ug/l	99
18) Methyl Acetate	4.384	43	24233	20.926	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	112709	19.121	ug/l	97
20) Methylene Chloride	4.616	84	48312	17.635	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	45679	17.539	ug/l	94
22) Diisopropyl ether	6.018	45	152587	18.839	ug/l	97
23) Vinyl Acetate	5.963	43	433002	93.675	ug/l	99
24) 1,1-Dichloroethane	5.909	63	88895	18.596	ug/l	100
25) 2-Butanone	6.890	43	67399	93.356	ug/l	99
26) 2,2-Dichloropropane	6.884	77	76012	17.282	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	55112	18.627	ug/l	97
28) Bromochloromethane	7.244	49	40121	20.020	ug/l	97
29) Tetrahydrofuran	7.262	42	42235	94.761	ug/l	97
30) Chloroform	7.421	83	93652	18.867	ug/l	98
31) Cyclohexane	7.701	56	73156	16.324	ug/l #	92
32) 1,1,1-Trichloroethane	7.616	97	84084	18.500	ug/l	98
36) 1,1-Dichloropropene	7.835	75	62274	16.659	ug/l	99
37) Ethyl Acetate	6.982	43	31166	18.863	ug/l	99
38) Carbon Tetrachloride	7.817	117	74856	17.412	ug/l	95
39) Methylcyclohexane	9.109	83	73113	15.945	ug/l	98
40) Benzene	8.079	78	193834	17.602	ug/l	98

03/21/2025
 Supervised By :Mahesh
 adoda

03/21/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021577.D
 Acq On : 20 Mar 2025 13:08
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBS01

Manual Integrations
 APPROVED

Reviewed By :Amit
 Patel

Quant Time: Mar 21 01:32:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	18340	20.386	ug/l	94
42) 1,2-Dichloroethane	8.158	62	55893	18.144	ug/l	99
43) Isopropyl Acetate	8.195	43	60286	18.796	ug/l #	89
44) Trichloroethene	8.865	130	50152	18.023	ug/l	97
45) 1,2-Dichloropropane	9.140	63	48546	18.523	ug/l	94
46) Dibromomethane	9.231	93	27433	18.812	ug/l	99
47) Bromodichloromethane	9.426	83	71753	18.528	ug/l	94
48) Methyl methacrylate	9.219	41	26077	17.706	ug/l	95
49) 1,4-Dioxane	9.231	88	5951	415.773	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	159557	96.415	ug/l	99
52) Toluene	10.170	92	133290	19.199	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	61029	17.887	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	72861	17.987	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	36591	19.183	ug/l	97
56) Ethyl methacrylate	10.438	69	43502	17.882	ug/l	99
57) 1,3-Dichloropropane	10.719	76	62213	18.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	111255	99.067	ug/l	99
59) 2-Hexanone	10.761	43	101386	92.653	ug/l	100
60) Dibromochloromethane	10.914	129	49668	18.993	ug/l	98
61) 1,2-Dibromoethane	11.017	107	34102	18.942	ug/l	98
64) Tetrachloroethene	10.646	164	53614	20.803	ug/l	91
65) Chlorobenzene	11.444	112	135100	18.051	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	48203	18.217	ug/l	97
67) Ethyl Benzene	11.517	91	225890	17.196	ug/l	97
68) m/p-Xylenes	11.627	106	172444	34.577	ug/l	97
69) o-Xylene	11.956	106	80543	17.523	ug/l	100
70) Styrene	11.968	104	137628	18.049	ug/l	100
71) Bromoform	12.133	173	29002	19.607	ug/l #	100
73) Isopropylbenzene	12.255	105	219754	17.078	ug/l	100
74) N-amyl acetate	12.072	43	49959	17.878	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	40639	17.897	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	31302m	19.016	ug/l	
77) Bromobenzene	12.529	156	53867	17.894	ug/l	97
78) n-propylbenzene	12.596	91	268238	17.165	ug/l	100
79) 2-Chlorotoluene	12.682	91	156260	17.487	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	183274	17.527	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12843	17.737	ug/l	95
82) 4-Chlorotoluene	12.779	91	164392	17.766	ug/l	99
83) tert-Butylbenzene	12.999	119	163295	17.505	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	183212	17.646	ug/l	99
85) sec-Butylbenzene	13.176	105	244464	17.613	ug/l	99
86) p-Isopropyltoluene	13.291	119	202217	17.685	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	106044	17.697	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	105126	17.939	ug/l	99
89) n-Butylbenzene	13.621	91	184202	17.445	ug/l	99
90) Hexachloroethane	13.883	117	43083	17.662	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	96387	18.767	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6569	19.313	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	54429	19.403	ug/l	99
94) Hexachlorobutadiene	15.023	225	34630	19.694	ug/l	99
95) Naphthalene	15.145	128	89965	20.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47161	19.989	ug/l	98

03/21/2025
 Supervised By :Mahesh
 Dadoda

03/21/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
Data File : VY021577.D
Acq On : 20 Mar 2025 13:08
Operator : SY/MD
Sample : VY0320SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 21 01:32:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBSD01

Manual Integrations
APPROVED

Reviewed By :Amit
Patel

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

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

03/21/2025
Supervised By :Mahesh
Dadoda

03/21/2025

