

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020802.D
 Acq On : 08 Jan 2025 11:19
 Operator : SY/MD
 Sample : VY0108SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0108SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/09/2025
 Supervised By :Semsettin Yesilyurt 01/09/2025

Quant Time: Jan 09 00:18:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	187200	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	282284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	237088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	115435	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.073	65	88797	55.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.646	113	91633	51.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.115	98	351614	57.034	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.060%
62) 4-Bromofluorobenzene	12.414	95	118222	51.929	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.860%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.873	85	24882	18.111	ug/l	97
3) Chloromethane	2.074	50	14142	19.550	ug/l	98
4) Vinyl Chloride	2.214	62	16303	20.274	ug/l	96
5) Bromomethane	2.611	94	10885	19.005	ug/l	98
6) Chloroethane	2.745	64	10509	21.190	ug/l	98
7) Trichlorofluoromethane	3.080	101	47050	19.064	ug/l	92
8) Diethyl Ether	3.470	74	15451	20.019	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.836	101	32311	19.386	ug/l	99
10) Methyl Iodide	4.025	142	34216	19.157	ug/l	97
11) Tert butyl alcohol	4.903	59	11909m	99.051	ug/l	
12) 1,1-Dichloroethene	3.805	96	28076	19.232	ug/l	97
13) Acrolein	3.665	56	4855	143.791	ug/l	98
14) Allyl chloride	4.403	41	42205	20.039	ug/l	95
15) Acrylonitrile	5.080	53	35799	109.137	ug/l	99
16) Acetone	3.891	43	24167	106.809	ug/l	97
17) Carbon Disulfide	4.122	76	55863	17.640	ug/l	96
18) Methyl Acetate	4.403	43	16853	22.060	ug/l	96
19) Methyl tert-butyl Ether	5.134	73	83715	20.320	ug/l	98
20) Methylene Chloride	4.641	84	31216	19.977	ug/l	97
21) trans-1,2-Dichloroethene	5.134	96	30874	19.205	ug/l	97
22) Diisopropyl ether	6.031	45	98416	21.936	ug/l	95
23) Vinyl Acetate	5.976	43	270455	109.331	ug/l	99
24) 1,1-Dichloroethane	5.939	63	59868	20.225	ug/l	100
25) 2-Butanone	6.915	43	40778	109.714	ug/l	97
26) 2,2-Dichloropropane	6.902	77	59934	19.502	ug/l	100
27) cis-1,2-Dichloroethene	6.909	96	40505	19.970	ug/l	99
28) Bromochloromethane	7.262	49	13781	17.254	ug/l	96
29) Tetrahydrofuran	7.280	42	27038	113.880	ug/l	95
30) Chloroform	7.439	83	67706	20.057	ug/l	98
31) Cyclohexane	7.713	56	44752	19.329	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	63475	19.278	ug/l	99
36) 1,1-Dichloropropene	7.847	75	42193	18.705	ug/l	99
37) Ethyl Acetate	7.000	43	19036	21.206	ug/l	98
38) Carbon Tetrachloride	7.829	117	59315	18.890	ug/l	94
39) Methylcyclohexane	9.122	83	51518	18.612	ug/l	98
40) Benzene	8.091	78	137180	19.815	ug/l	100

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41) Methacrylonitrile	7.238	41	10961	21.322	ug/l	96
42) 1,2-Dichloroethane	8.170	62	37215	19.684	ug/l	99
43) Isopropyl Acetate	8.207	43	39016	21.369	ug/l	98
44) Trichloroethene	8.872	130	36984	19.164	ug/l	99
45) 1,2-Dichloropropane	9.152	63	32447	20.674	ug/l	94
46) Dibromomethane	9.243	93	18492	20.518	ug/l	97
47) Bromodichloromethane	9.432	83	51380	19.906	ug/l	97
48) Methyl methacrylate	9.231	41	16919	20.670	ug/l	99
49) 1,4-Dioxane	9.243	88	3894	406.946	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	102473	112.343	ug/l	98
52) Toluene	10.182	92	90929	19.834	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	46617	20.307	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	53489	20.062	ug/l	95
55) 1,1,2-Trichloroethane	10.579	97	26396	20.501	ug/l	97
56) Ethyl methacrylate	10.451	69	33689	20.718	ug/l	98
57) 1,3-Dichloropropane	10.725	76	43322	20.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	68024	105.451	ug/l	97
59) 2-Hexanone	10.768	43	66233	113.183	ug/l	97
60) Dibromochloromethane	10.920	129	37564	20.116	ug/l	99
61) 1,2-Dibromoethane	11.024	107	24111	20.859	ug/l	100
64) Tetrachloroethene	10.658	164	32503	18.647	ug/l	98
65) Chlorobenzene	11.450	112	103193	19.686	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	38802	19.444	ug/l	97
67) Ethyl Benzene	11.530	91	177502	19.558	ug/l	99
68) m/p-Xylenes	11.639	106	135995	38.920	ug/l	99
69) o-Xylene	11.962	106	64988	19.616	ug/l	98
70) Styrene	11.981	104	110918	19.889	ug/l	99
71) Bromoform	12.139	173	23052	20.320	ug/l #	99
73) Isopropylbenzene	12.261	105	179153	19.563	ug/l	100
74) N-ethyl acetate	12.078	43	32211	21.503	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.517	83	30307	21.835	ug/l	99
76) 1,2,3-Trichloropropane	12.566	75	20881m	20.674	ug/l	
77) Bromobenzene	12.542	156	42045	19.914	ug/l	98
78) n-propylbenzene	12.603	91	207807	19.992	ug/l	98
79) 2-Chlorotoluene	12.688	91	118434	19.786	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	145517	19.607	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9792	20.442	ug/l	97
82) 4-Chlorotoluene	12.786	91	121220	19.624	ug/l	98
83) tert-Butylbenzene	13.005	119	133906	19.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	144939	19.999	ug/l	99
85) sec-Butylbenzene	13.188	105	191485	19.750	ug/l	99
86) p-Isopropyltoluene	13.304	119	162408	19.636	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	81615	19.894	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	79689	19.733	ug/l	99
89) n-Butylbenzene	13.627	91	141573	19.730	ug/l	99
90) Hexachloroethane	13.889	117	32270	19.430	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	70861	19.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4563	20.332	ug/l	98
93) 1,2,4-Trichlorobenzene	14.931	180	40397	19.569	ug/l	100
94) Hexachlorobutadiene	15.035	225	27777	19.087	ug/l	99
95) Naphthalene	15.157	128	65675	19.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	33469	19.352	ug/l	99

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

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