

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021125\
 Data File : VY021167.D
 Acq On : 11 Feb 2025 11:48
 Operator : SY/MD
 Sample : VY0211SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/12/2025
 Supervised By :Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 01:01:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	126956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	194041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	168194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	81906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	67891	52.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.380%			
35) Dibromofluoromethane	7.640	113	64799	52.108	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.109	98	246860	52.143	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.408	95	81406	52.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20959	18.523	ug/l	99
3) Chloromethane	2.074	50	18992	17.009	ug/l	95
4) Vinyl Chloride	2.208	62	19612	17.451	ug/l	100
5) Bromomethane	2.598	94	12194	17.555	ug/l	98
6) Chloroethane	2.745	64	12294	18.376	ug/l	100
7) Trichlorofluoromethane	3.068	101	40815	19.934	ug/l	100
8) Diethyl Ether	3.464	74	12571	19.667	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.830	101	26828	20.877	ug/l	95
10) Methyl Iodide	4.013	142	23837	16.697	ug/l #	89
11) Tert butyl alcohol	4.878	59	10959	124.326	ug/l #	88
12) 1,1-Dichloroethene	3.806	96	22428	18.528	ug/l	96
13) Acrolein	3.659	56	11547	85.069	ug/l	99
14) Allyl chloride	4.391	41	40894	20.045	ug/l	94
15) Acrylonitrile	5.067	53	29683	111.521	ug/l	99
16) Acetone	3.879	43	22522	111.027	ug/l	99
17) Carbon Disulfide	4.116	76	49655	13.082	ug/l	99
18) Methyl Acetate	4.391	43	14969	21.021	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	67904	22.194	ug/l	100
20) Methylene Chloride	4.629	84	25786	20.448	ug/l	93
21) trans-1,2-Dichloroethene	5.128	96	24715	18.548	ug/l	89
22) Diisopropyl ether	6.031	45	94655	22.510	ug/l	97
23) Vinyl Acetate	5.970	43	254991	108.776	ug/l	96
24) 1,1-Dichloroethane	5.927	63	53618	21.763	ug/l	98
25) 2-Butanone	6.903	43	38026	114.076	ug/l	95
26) 2,2-Dichloropropane	6.896	77	51448	22.568	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	31730	20.688	ug/l	89
28) Bromochloromethane	7.250	49	21661	22.234	ug/l	97
29) Tetrahydrofuran	7.274	42	24647	109.271	ug/l	95
30) Chloroform	7.433	83	57242	22.620	ug/l	98
31) Cyclohexane	7.707	56	40746	18.365	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	52846	22.461	ug/l	99
36) 1,1-Dichloropropene	7.841	75	37294	20.247	ug/l	98
37) Ethyl Acetate	6.994	43	18526	22.927	ug/l	96
38) Carbon Tetrachloride	7.823	117	47923	22.267	ug/l	98
39) Methylcyclohexane	9.116	83	42932	19.056	ug/l	95
40) Benzene	8.085	78	114991	21.274	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	7321	15.661	ug/l #	71
42) 1,2-Dichloroethane	8.164	62	33950	22.642	ug/l	96
43) Isopropyl Acetate	8.207	43	35810	22.304	ug/l #	87
44) Trichloroethene	8.872	130	29899	21.410	ug/l	89
45) 1,2-Dichloropropane	9.146	63	28595	22.288	ug/l	99
46) Dibromomethane	9.237	93	15137	21.309	ug/l	96
47) Bromodichloromethane	9.426	83	44468	23.341	ug/l	99
48) Methyl methacrylate	9.225	41	16028	21.916	ug/l	91
49) 1,4-Dioxane	9.237	88	3106	469.695	ug/l	98
51) 4-Methyl-2-Pentanone	10.006	43	93750	116.115	ug/l	96
52) Toluene	10.176	92	73053	21.524	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	38248	22.359	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	45000	22.217	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	21364	23.225	ug/l	96
56) Ethyl methacrylate	10.445	69	27177	22.085	ug/l	90
57) 1,3-Dichloropropane	10.725	76	36489	22.918	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.719	63	58347	99.664	ug/l	100
59) 2-Hexanone	10.768	43	59689	114.821	ug/l	95
60) Dibromochloromethane	10.920	129	29531	22.860	ug/l	97
61) 1,2-Dibromoethane	11.024	107	19003	22.055	ug/l	97
64) Tetrachloroethene	10.652	164	26074	20.883	ug/l	95
65) Chlorobenzene	11.450	112	81899	21.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	30456	22.884	ug/l	97
67) Ethyl Benzene	11.524	91	143507	21.664	ug/l	98
68) m/p-Xylenes	11.633	106	107758	43.484	ug/l	97
69) o-Xylene	11.963	106	50502	21.859	ug/l	96
70) Styrene	11.975	104	86264	22.402	ug/l	97
71) Bromoform	12.139	173	16762	22.626	ug/l #	98
73) Isopropylbenzene	12.261	105	142423	22.261	ug/l	99
74) N-amyl acetate	12.078	43	31211	22.313	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	23433	22.022	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	17508m	23.564	ug/l	
77) Bromobenzene	12.536	156	31939	21.632	ug/l	95
78) n-propylbenzene	12.603	91	171885	22.553	ug/l	99
79) 2-Chlorotoluene	12.688	91	96265	22.053	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	117186	22.591	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	8168	22.432	ug/l	97
82) 4-Chlorotoluene	12.786	91	101341	22.786	ug/l	100
83) tert-Butylbenzene	13.005	119	107820	22.867	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	114449	22.565	ug/l	97
85) sec-Butylbenzene	13.182	105	154672	22.789	ug/l	99
86) p-Isopropyltoluene	13.298	119	129015	22.883	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	63564	22.297	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	62317	22.201	ug/l	98
89) n-Butylbenzene	13.621	91	118713	23.081	ug/l	99
90) Hexachloroethane	13.889	117	27029	22.981	ug/l	88
91) 1,2-Dichlorobenzene	13.664	146	56194	22.711	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3574	22.477	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	29568	21.468	ug/l	99
94) Hexachlorobutadiene	15.029	225	19783	21.675	ug/l	97
95) Naphthalene	15.151	128	46689	21.189	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	24786	21.625	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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