

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021072.D
 Acq On : 04 Feb 2025 20:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

Quant Time: Feb 05 00:52:03 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	7.713	168	130567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	210608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	189906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70160	52.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.900%
35) Dibromofluoromethane	7.634	113	67172	49.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.103	98	250882	48.824	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.408	95	85350	50.843	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	57288	49.228	ug/l	97
3) Chloromethane	2.068	50	60344	52.549	ug/l	95
4) Vinyl Chloride	2.202	62	57009	49.323	ug/l	99
5) Bromomethane	2.598	94	36523	51.126	ug/l	98
6) Chloroethane	2.732	64	36015	52.345	ug/l	93
7) Trichlorofluoromethane	3.062	101	102723	48.783	ug/l	99
8) Diethyl Ether	3.458	74	35359	53.790	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	62610	47.375	ug/l	94
10) Methyl Iodide	4.007	142	74282	50.592	ug/l	92
11) Tert butyl alcohol	4.860	59	25859	285.249	ug/l #	75
12) 1,1-Dichloroethene	3.793	96	62125	49.902	ug/l	92
13) Acrolein	3.653	56	36601	262.191	ug/l	99
14) Allyl chloride	4.385	41	110898	52.855	ug/l	94
15) Acrylonitrile	5.061	53	80188	292.939	ug/l	99
16) Acetone	3.872	43	60858	291.715	ug/l	95
17) Carbon Disulfide	4.110	76	201162	51.530	ug/l	98
18) Methyl Acetate	4.391	43	43723	59.702	ug/l	96
19) Methyl tert-butyl Ether	5.122	73	175462	55.762	ug/l	98
20) Methylene Chloride	4.616	84	70259	54.174	ug/l	91
21) trans-1,2-Dichloroethene	5.116	96	72326	52.779	ug/l	92
22) Diisopropyl ether	6.018	45	244023	56.425	ug/l	98
23) Vinyl Acetate	5.964	43	696885	289.061	ug/l	98
24) 1,1-Dichloroethane	5.921	63	137155	54.130	ug/l	98
25) 2-Butanone	6.896	43	103166	300.932	ug/l	97
26) 2,2-Dichloropropane	6.884	77	103983	44.352	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	86117	54.597	ug/l	96
28) Bromochloromethane	7.250	49	63171	63.049	ug/l	99
29) Tetrahydrofuran	7.262	42	70342	303.231	ug/l	93
30) Chloroform	7.421	83	141870	54.511	ug/l	98
31) Cyclohexane	7.701	56	107611	47.162	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	124670	51.523	ug/l	99
36) 1,1-Dichloropropene	7.835	75	97101	48.571	ug/l	99
37) Ethyl Acetate	6.988	43	48590	55.404	ug/l	99
38) Carbon Tetrachloride	7.817	117	114002	48.804	ug/l	96
39) Methylcyclohexane	9.109	83	113013	46.215	ug/l	99
40) Benzene	8.079	78	303872	51.795	ug/l	98

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41) Methacrylonitrile	7.219	41	24772	48.823	ug/l	95
42) 1,2-Dichloroethane	8.158	62	87629	53.844	ug/l	97
43) Isopropyl Acetate	8.195	43	97103	55.722	ug/l #	86
44) Trichloroethene	8.865	130	74627	49.234	ug/l	96
45) 1,2-Dichloropropane	9.140	63	73681	52.913	ug/l	99
46) Dibromomethane	9.231	93	41166	53.393	ug/l	95
47) Bromodichloromethane	9.420	83	111604	53.973	ug/l	95
48) Methyl methacrylate	9.219	41	45578	57.418	ug/l	93
49) 1,4-Dioxane	9.225	88	8970	1249.757	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	256673	292.898	ug/l	96
52) Toluene	10.170	92	193877	52.630	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	96343	51.890	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	112339	51.101	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	53940	54.027	ug/l	97
56) Ethyl methacrylate	10.438	69	76205	57.055	ug/l	90
57) 1,3-Dichloropropane	10.719	76	95483	55.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	166533	262.084	ug/l	99
59) 2-Hexanone	10.761	43	169011	299.543	ug/l	96
60) Dibromochloromethane	10.914	129	75699	53.990	ug/l	99
61) 1,2-Dibromoethane	11.011	107	50277	53.762	ug/l	99
64) Tetrachloroethene	10.646	164	66164	46.933	ug/l	95
65) Chlorobenzene	11.444	112	211838	50.097	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	76369	50.821	ug/l	97
67) Ethyl Benzene	11.517	91	371283	49.642	ug/l	100
68) m/p-Xylenes	11.627	106	281654	100.663	ug/l	98
69) o-Xylene	11.956	106	133972	51.357	ug/l	97
70) Styrene	11.969	104	228755	52.614	ug/l	98
71) Bromoform	12.133	173	45256	54.105	ug/l #	98
73) Isopropylbenzene	12.255	105	349258	45.703	ug/l	100
74) N-ethyl acetate	12.072	43	87107	52.137	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	62958	49.537	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	37838m	42.638	ug/l	
77) Bromobenzene	12.529	156	83462	47.328	ug/l	93
78) n-propylbenzene	12.597	91	417760	45.892	ug/l	99
79) 2-Chlorotoluene	12.682	91	242205	46.455	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	288366	46.542	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	19058	43.820	ug/l	93
82) 4-Chlorotoluene	12.779	91	250916	47.235	ug/l	100
83) tert-Butylbenzene	12.999	119	256968	45.629	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	290294	47.919	ug/l	99
85) sec-Butylbenzene	13.176	105	365272	45.059	ug/l	97
86) p-Isopropyltoluene	13.292	119	309303	45.932	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	162550	47.738	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	158010	47.130	ug/l	99
89) n-Butylbenzene	13.621	91	278005	45.254	ug/l	99
90) Hexachloroethane	13.883	117	67218	47.848	ug/l	88
91) 1,2-Dichlorobenzene	13.657	146	143283	48.482	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9751	51.342	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	81088	49.292	ug/l	100
94) Hexachlorobutadiene	15.023	225	49019	44.966	ug/l	99
95) Naphthalene	15.145	128	146179	55.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	71198	52.007	ug/l	98

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

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