

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020936.D
 Acq On : 27 Jan 2025 09:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
 Supervised By :Semsettin Yesilyurt 01/28/2025

Quant Time: Jan 28 01:07:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	282457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.627	114	407197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	343290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	166155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	121205	53.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.640%
35) Dibromofluoromethane	7.652	113	128673	55.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.080%
50) Toluene-d8	10.121	98	501358	55.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.580%
62) 4-Bromofluorobenzene	12.419	95	166513	55.179	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	110.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	121968	57.091	ug/l	97
3) Chloromethane	2.080	50	93806	59.036	ug/l	100
4) Vinyl Chloride	2.220	62	101204	58.439	ug/l	99
5) Bromomethane	2.616	94	67224	57.312	ug/l	100
6) Chloroethane	2.750	64	60488	59.535	ug/l	99
7) Trichlorofluoromethane	3.080	101	215840	58.661	ug/l	100
8) Diethyl Ether	3.470	74	65786	58.174	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.836	101	140381	57.822	ug/l	99
10) Methyl Iodide	4.025	142	166096	57.406	ug/l	100
11) Tert butyl alcohol	4.878	59	38824	223.319	ug/l	100
12) 1,1-Dichloroethene	3.811	96	133926	58.412	ug/l	96
13) Acrolein	3.671	56	70092	297.402	ug/l	96
14) Allyl chloride	4.403	41	188855	59.015	ug/l	99
15) Acrylonitrile	5.085	53	128340	288.714	ug/l	99
16) Acetone	3.890	43	86452	283.333	ug/l	99
17) Carbon Disulfide	4.128	76	413521	58.401	ug/l	100
18) Methyl Acetate	4.409	43	62972	57.130	ug/l	99
19) Methyl tert-butyl Ether	5.140	73	311301	58.620	ug/l	95
20) Methylene Chloride	4.634	84	127942	56.380	ug/l	98
21) trans-1,2-Dichloroethene	5.140	96	142849	57.786	ug/l	99
22) Diisopropyl ether	6.036	45	379654	58.981	ug/l	96
23) Vinyl Acetate	5.982	43	1052754	295.513	ug/l	99
24) 1,1-Dichloroethane	5.939	63	238346	58.413	ug/l	99
25) 2-Butanone	6.908	43	146798	284.017	ug/l	96
26) 2,2-Dichloropropane	6.902	77	228156	56.769	ug/l	99
27) cis-1,2-Dichloroethene	6.908	96	160743	57.617	ug/l	100
28) Bromochloromethane	7.262	49	84627	51.533	ug/l	100
29) Tetrahydrofuran	7.280	42	100575	291.972	ug/l	99
30) Chloroform	7.439	83	249176	57.699	ug/l	98
31) Cyclohexane	7.719	56	222016	55.361	ug/l	96
32) 1,1,1-Trichloroethane	7.634	97	238705	56.985	ug/l	99
36) 1,1-Dichloropropene	7.853	75	190737	58.440	ug/l	99
37) Ethyl Acetate	7.000	43	72114	56.949	ug/l	99
38) Carbon Tetrachloride	7.835	117	228639	58.090	ug/l	99
39) Methylcyclohexane	9.121	83	260292	58.909	ug/l	99
40) Benzene	8.097	78	557786	58.254	ug/l	100

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41) Methacrylonitrile	7.237	41	38030	56.852	ug/l	96
42) 1,2-Dichloroethane	8.170	62	139282	58.460	ug/l	99
43) Isopropyl Acetate	8.207	43	141459	58.911	ug/l	100
44) Trichloroethene	8.877	130	150917	58.016	ug/l	99
45) 1,2-Dichloropropane	9.158	63	123414	58.391	ug/l	100
46) Dibromomethane	9.243	93	70572	58.732	ug/l	100
47) Bromodichloromethane	9.438	83	185325	57.966	ug/l	96
48) Methyl methacrylate	9.231	41	67003	59.152	ug/l	99
49) 1,4-Dioxane	9.249	88	13991	1130.869	ug/l	91
51) 4-Methyl-2-Pentanone	10.011	43	353760	292.180	ug/l	99
52) Toluene	10.182	92	362533	58.871	ug/l	99
53) t-1,3-Dichloropropene	10.408	75	172755	58.931	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	205363	58.669	ug/l	98
55) 1,1,2-Trichloroethane	10.584	97	94633	58.264	ug/l	96
56) Ethyl methacrylate	10.450	69	129135	60.666	ug/l	98
57) 1,3-Dichloropropane	10.731	76	161731	58.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.725	63	282944	292.868	ug/l	100
59) 2-Hexanone	10.773	43	233922	300.455	ug/l	100
60) Dibromochloromethane	10.926	129	133374	58.346	ug/l	98
61) 1,2-Dibromoethane	11.029	107	88558	57.005	ug/l	99
64) Tetrachloroethene	10.658	164	139504	58.394	ug/l	99
65) Chlorobenzene	11.456	112	388163	57.822	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.529	131	136923	57.398	ug/l	99
67) Ethyl Benzene	11.529	91	685355	58.508	ug/l	100
68) m/p-Xylenes	11.639	106	525455	117.148	ug/l	99
69) o-Xylene	11.968	106	248101	59.216	ug/l	100
70) Styrene	11.980	104	410959	59.850	ug/l	99
71) Bromoform	12.145	173	80711	59.750	ug/l #	99
73) Isopropylbenzene	12.267	105	668680	58.433	ug/l	100
74) N-amyl acetate	12.084	43	120037	58.949	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	101834	57.195	ug/l	100
76) 1,2,3-Trichloropropane	12.572	75	76605m	65.208	ug/l	
77) Bromobenzene	12.547	156	151827	56.601	ug/l	98
78) n-propylbenzene	12.608	91	781507	58.629	ug/l	100
79) 2-Chlorotoluene	12.694	91	436598	57.750	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	539872	58.713	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	36438	59.924	ug/l	98
82) 4-Chlorotoluene	12.791	91	451910	58.537	ug/l	100
83) tert-Butylbenzene	13.011	119	497809	58.695	ug/l	99
84) 1,2,4-Trimethylbenzene	13.053	105	529539	58.499	ug/l	99
85) sec-Butylbenzene	13.188	105	712269	58.904	ug/l	100
86) p-Isopropyltoluene	13.303	119	603344	59.059	ug/l	100
87) 1,3-Dichlorobenzene	13.303	146	292758	56.994	ug/l	99
88) 1,4-Dichlorobenzene	13.383	146	290326	57.538	ug/l	100
89) n-Butylbenzene	13.633	91	538373	59.745	ug/l	100
90) Hexachloroethane	13.895	117	118009	58.150	ug/l	100
91) 1,2-Dichlorobenzene	13.675	146	255038	57.308	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.291	75	14893	55.680	ug/l	98
93) 1,2,4-Trichlorobenzene	14.937	180	158069	59.043	ug/l	99
94) Hexachlorobutadiene	15.035	225	103632	56.578	ug/l	98
95) Naphthalene	15.157	128	253984	59.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.346	180	131457	58.446	ug/l	100

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

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