

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021933.D
 Acq On : 18 Apr 2025 16:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/21/2025
 Supervised By :Semsettin Yesilyurt 04/21/2025

Quant Time: Apr 19 01:15:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	178314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	272261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	255245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	96983	50.199	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.400%			
35) Dibromofluoromethane	7.634	113	93524	52.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.900%			
50) Toluene-d8	10.103	98	357847	53.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.520%			
62) 4-Bromofluorobenzene	12.402	95	125468	55.208	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76889	41.602	ug/l	99
3) Chloromethane	2.062	50	125564	48.316	ug/l	98
4) Vinyl Chloride	2.202	62	136584	46.473	ug/l	98
5) Bromomethane	2.598	94	101983	50.876	ug/l	97
6) Chloroethane	2.733	64	93825	48.787	ug/l	98
7) Trichlorofluoromethane	3.056	101	180760	48.012	ug/l	97
8) Diethyl Ether	3.458	74	47431	46.326	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	95712	48.201	ug/l	99
10) Methyl Iodide	4.001	142	111954	51.392	ug/l	100
11) Tert butyl alcohol	4.897	59	24777	197.446	ug/l	98
12) 1,1-Dichloroethene	3.787	96	86631	46.318	ug/l	99
13) Acrolein	3.653	56	8817	38.480	ug/l	97
14) Allyl chloride	4.379	41	141687	47.513	ug/l	100
15) Acrylonitrile	5.061	53	105805	247.500	ug/l	99
16) Acetone	3.885	43	75303	190.447	ug/l	100
17) Carbon Disulfide	4.104	76	271907	44.138	ug/l	99
18) Methyl Acetate	4.391	43	65277	66.612	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	230114	49.417	ug/l	98
20) Methylene Chloride	4.616	84	101720	52.789	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	101279	49.181	ug/l	99
22) Diisopropyl ether	6.019	45	326873	52.252	ug/l	98
23) Vinyl Acetate	5.958	43	858961	234.715	ug/l	99
24) 1,1-Dichloroethane	5.915	63	187607	50.155	ug/l	98
25) 2-Butanone	6.903	43	130276	230.677	ug/l	99
26) 2,2-Dichloropropane	6.884	77	152403	45.803	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	119333	51.529	ug/l	96
28) Bromochloromethane	7.244	49	81233	51.493	ug/l	99
29) Tetrahydrofuran	7.262	42	87095	239.621	ug/l	100
30) Chloroform	7.421	83	199190	51.198	ug/l	98
31) Cyclohexane	7.701	56	152832	44.821	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	172823	49.148	ug/l	98
36) 1,1-Dichloropropene	7.835	75	136351	50.687	ug/l	99
37) Ethyl Acetate	6.988	43	59467	46.841	ug/l	98
38) Carbon Tetrachloride	7.817	117	159715	51.838	ug/l	98
39) Methylcyclohexane	9.110	83	160239	49.863	ug/l	98
40) Benzene	8.079	78	424377	52.678	ug/l	100

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41) Methacrylonitrile	7.220	41	34594	51.309	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	118967	52.382	ug/l	100
43) Isopropyl Acetate	8.195	43	119626	49.722	ug/l	98
44) Trichloroethene	8.866	130	108720	52.966	ug/l	99
45) 1,2-Dichloropropane	9.140	63	103127	54.080	ug/l	98
46) Dibromomethane	9.231	93	58340	53.085	ug/l	99
47) Bromodichloromethane	9.420	83	152358	53.502	ug/l	98
48) Methyl methacrylate	9.219	41	57682	52.238	ug/l	99
49) 1,4-Dioxane	9.244	88	11291	959.047	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	334250	266.967	ug/l	99
52) Toluene	10.170	92	274241	54.562	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	131753	52.088	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	154875	51.902	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	77501	54.798	ug/l	98
56) Ethyl methacrylate	10.439	69	100460	55.629	ug/l	100
57) 1,3-Dichloropropane	10.719	76	133639	54.713	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	267277	303.389	ug/l	99
59) 2-Hexanone	10.762	43	218746	262.339	ug/l	99
60) Dibromochloromethane	10.908	129	105287	54.526	ug/l	99
61) 1,2-Dibromoethane	11.012	107	71520	53.908	ug/l	98
64) Tetrachloroethene	10.646	164	125497	53.984	ug/l	97
65) Chlorobenzene	11.438	112	296890	50.741	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	108370	52.202	ug/l	99
67) Ethyl Benzene	11.518	91	520526	51.880	ug/l	100
68) m/p-Xylenes	11.627	106	403808	105.103	ug/l	99
69) o-Xylene	11.957	106	186397	52.558	ug/l	99
70) Styrene	11.969	104	322375	54.518	ug/l	98
71) Bromoform	12.133	173	62251	52.570	ug/l #	100
73) Isopropylbenzene	12.255	105	498268	48.846	ug/l	100
74) N-amyl acetate	12.072	43	108842	45.464	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	84300	45.965	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	66621m	48.936	ug/l	
77) Bromobenzene	12.530	156	118651	48.444	ug/l	98
78) n-propylbenzene	12.597	91	606658	49.467	ug/l	100
79) 2-Chlorotoluene	12.676	91	348037	48.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	413765	49.630	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	25222	42.688	ug/l	97
82) 4-Chlorotoluene	12.773	91	365728	49.249	ug/l	100
83) tert-Butylbenzene	12.999	119	367914	49.545	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	416904	50.595	ug/l	99
85) sec-Butylbenzene	13.176	105	544602	50.184	ug/l	100
86) p-Isopropyltoluene	13.292	119	455172	50.748	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	237360	49.190	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	232595	48.787	ug/l	99
89) n-Butylbenzene	13.615	91	409224	49.334	ug/l	99
90) Hexachloroethane	13.877	117	96722	49.210	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	210173	50.035	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13502	47.500	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	116103	50.968	ug/l	99
94) Hexachlorobutadiene	15.023	225	72038	50.636	ug/l	99
95) Naphthalene	15.145	128	197521	52.313	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	99233	51.085	ug/l	99

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

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