

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022494.D
 Acq On : 02 Jun 2025 12:54
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 02:55:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 02:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	209963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124098	54.320	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.640%			
35) Dibromofluoromethane	7.640	113	112624	54.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.020%			
50) Toluene-d8	10.109	98	448690	53.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.460%			
62) 4-Bromofluorobenzene	12.408	95	130393	51.503	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	86654	47.230	ug/l	100
3) Chloromethane	2.068	50	258324	47.727	ug/l	100
4) Vinyl Chloride	2.202	62	314332	49.618	ug/l	100
5) Bromomethane	2.598	94	260442	43.463	ug/l	100
6) Chloroethane	2.739	64	202595	46.711	ug/l	100
7) Trichlorofluoromethane	3.056	101	257006	47.749	ug/l	100
8) Diethyl Ether	3.464	74	61045	51.349	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	112910	50.009	ug/l	100
10) Methyl Iodide	4.007	142	135237	55.855	ug/l	100
11) Tert butyl alcohol	4.885	59	41304	253.096	ug/l	100
12) 1,1-Dichloroethene	3.800	96	108756	50.463	ug/l	100
13) Acrolein	3.659	56	50388	252.946	ug/l	100
14) Allyl chloride	4.391	41	169258	50.399	ug/l	100
15) Acrylonitrile	5.068	53	132018	261.075	ug/l	100
16) Acetone	3.879	43	121507	269.036	ug/l	100
17) Carbon Disulfide	4.110	76	349342	50.769	ug/l	100
18) Methyl Acetate	4.397	43	69815	51.384	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	308578	51.316	ug/l	100
20) Methylene Chloride	4.623	84	120562	47.810	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	119917	49.807	ug/l	100
22) Diisopropyl ether	6.025	45	381760	51.120	ug/l	100
23) Vinyl Acetate	5.970	43	1137415	256.734	ug/l	100
24) 1,1-Dichloroethane	5.921	63	222533	50.410	ug/l	100
25) 2-Butanone	6.903	43	176185	264.461	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198763	50.650	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	143210	51.463	ug/l	100
28) Bromochloromethane	7.250	49	95397	50.015	ug/l	100
29) Tetrahydrofuran	7.268	42	109698	255.247	ug/l	100
30) Chloroform	7.427	83	222226	50.944	ug/l	100
31) Cyclohexane	7.707	56	213031	47.951	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	199103	51.074	ug/l	100
36) 1,1-Dichloropropene	7.841	75	170708	51.116	ug/l	100
37) Ethyl Acetate	6.994	43	80426	54.721	ug/l	100
38) Carbon Tetrachloride	7.823	117	178292	51.787	ug/l	100
39) Methylcyclohexane	9.116	83	230536	51.100	ug/l	100
40) Benzene	8.085	78	505749	51.376	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	43865	46.342	ug/l	100
42) 1,2-Dichloroethane	8.165	62	136876	51.114	ug/l	100
43) Isopropyl Acetate	8.201	43	167771	52.237	ug/l	100
44) Trichloroethene	8.866	130	124670	51.843	ug/l	100
45) 1,2-Dichloropropane	9.146	63	120660	51.415	ug/l	100
46) Dibromomethane	9.231	93	67690	51.485	ug/l	100
47) Bromodichloromethane	9.427	83	172341	51.664	ug/l	100
48) Methyl methacrylate	9.225	41	77885	52.963	ug/l	100
49) 1,4-Dioxane	9.244	88	15334	977.637	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	425868	267.154	ug/l	100
52) Toluene	10.176	92	316972	51.213	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	161859	52.450	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	188559	52.108	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	84788	51.209	ug/l	100
56) Ethyl methacrylate	10.445	69	127271	52.930	ug/l	100
57) 1,3-Dichloropropane	10.719	76	152809	51.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	279669	260.896	ug/l	100
59) 2-Hexanone	10.762	43	283601	266.885	ug/l	100
60) Dibromochloromethane	10.914	129	110314	52.582	ug/l	100
61) 1,2-Dibromoethane	11.018	107	78151	51.150	ug/l	100
64) Tetrachloroethene	10.652	164	130171	51.367	ug/l	100
65) Chlorobenzene	11.444	112	332645	51.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112934	51.526	ug/l	100
67) Ethyl Benzene	11.518	91	621031	51.577	ug/l	100
68) m/p-Xylenes	11.633	106	468441	102.795	ug/l	100
69) o-Xylene	11.957	106	218760	51.293	ug/l	100
70) Styrene	11.969	104	367553	52.052	ug/l	100
71) Bromoform	12.133	173	59888	51.996	ug/l #	100
73) Isopropylbenzene	12.255	105	577133	51.329	ug/l	100
74) N-amyl acetate	12.072	43	149637	52.627	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95218	52.145	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	87965m	47.747	ug/l	
77) Bromobenzene	12.536	156	121092	50.812	ug/l	100
78) n-propylbenzene	12.597	91	707143	51.667	ug/l	100
79) 2-Chlorotoluene	12.682	91	373402	51.670	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	455006	51.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32630	50.780	ug/l	100
82) 4-Chlorotoluene	12.780	91	387296	51.710	ug/l	100
83) tert-Butylbenzene	12.999	119	404519	50.438	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	449372	51.088	ug/l	100
85) sec-Butylbenzene	13.176	105	623185	51.250	ug/l	100
86) p-Isopropyltoluene	13.292	119	510026	51.018	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	241816	50.717	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	237429	51.108	ug/l	100
89) n-Butylbenzene	13.621	91	493153	51.811	ug/l	100
90) Hexachloroethane	13.883	117	99901	51.068	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	211065	51.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14697	53.244	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	114007	50.919	ug/l	100
94) Hexachlorobutadiene	15.023	225	62434	51.054	ug/l	100
95) Naphthalene	15.145	128	226073	52.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97609	51.295	ug/l	100

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

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