

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020927.D
 Acq On : 24 Jan 2025 14:03
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025

Quant Time: Jan 25 00:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	260373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	380285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	323123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	154661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	116198	55.973	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.940%			
35) Dibromofluoromethane	7.646	113	121777	55.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.560%			
50) Toluene-d8	10.115	98	476904	56.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.640%			
62) 4-Bromofluorobenzene	12.413	95	158312	56.174	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 112.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	99976	50.766	ug/l	100
3) Chloromethane	2.080	50	73241	50.003	ug/l	100
4) Vinyl Chloride	2.214	62	81414	50.999	ug/l	100
5) Bromomethane	2.610	94	51863	47.966	ug/l	100
6) Chloroethane	2.751	64	48223	51.489	ug/l	100
7) Trichlorofluoromethane	3.074	101	173154	51.051	ug/l	100
8) Diethyl Ether	3.464	74	53864	51.671	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	113519	50.724	ug/l	100
10) Methyl Iodide	4.019	142	141998	53.240	ug/l	100
11) Tert butyl alcohol	4.872	59	34546	215.565	ug/l	100
12) 1,1-Dichloroethene	3.805	96	106149	50.224	ug/l	100
13) Acrolein	3.665	56	59929	275.847	ug/l	100
14) Allyl chloride	4.403	41	151011	51.192	ug/l	100
15) Acrylonitrile	5.073	53	110385	269.385	ug/l	100
16) Acetone	3.885	43	74928	266.392	ug/l	100
17) Carbon Disulfide	4.122	76	332364	50.921	ug/l	100
18) Methyl Acetate	4.397	43	54236	53.378	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	254333	51.955	ug/l	100
20) Methylene Chloride	4.634	84	105101	50.243	ug/l	100
21) trans-1,2-Dichloroethene	5.134	96	116008	50.909	ug/l	100
22) Diisopropyl ether	6.037	45	309202	52.110	ug/l	100
23) Vinyl Acetate	5.976	43	884051	269.205	ug/l	100
24) 1,1-Dichloroethane	5.933	63	192614	51.209	ug/l	100
25) 2-Butanone	6.908	43	126367	265.225	ug/l	100
26) 2,2-Dichloropropane	6.902	77	182433	49.242	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	130529	50.755	ug/l	100
28) Bromochloromethane	7.262	49	77526	51.213	ug/l	100
29) Tetrahydrofuran	7.274	42	86947	273.818	ug/l	100
30) Chloroform	7.439	83	202326	50.824	ug/l	100
31) Cyclohexane	7.713	56	177176	47.927	ug/l	100
32) 1,1,1-Trichloroethane	7.634	97	196472	50.881	ug/l	100
36) 1,1-Dichloropropene	7.847	75	156517	51.349	ug/l	100
37) Ethyl Acetate	7.000	43	62290	52.672	ug/l	100
38) Carbon Tetrachloride	7.829	117	187340	50.965	ug/l	100
39) Methylcyclohexane	9.121	83	212455	51.485	ug/l	100
40) Benzene	8.091	78	457148	51.122	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	34901	55.867	ug/l	100
42) 1,2-Dichloroethane	8.170	62	115831	52.057	ug/l	100
43) Isopropyl Acetate	8.207	43	121114	54.008	ug/l	100
44) Trichloroethene	8.878	130	122503	50.426	ug/l	100
45) 1,2-Dichloropropane	9.152	63	101972	51.660	ug/l	100
46) Dibromomethane	9.243	93	59402	52.935	ug/l	100
47) Bromodichloromethane	9.432	83	154264	51.665	ug/l	100
48) Methyl methacrylate	9.231	41	56489	53.400	ug/l	100
49) 1,4-Dioxane	9.237	88	12806	1108.338	ug/l	100
51) 4-Methyl-2-Pentanone	10.005	43	308643	272.957	ug/l	100
52) Toluene	10.182	92	296074	51.481	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	143953	52.581	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	169737	51.923	ug/l	100
55) 1,1,2-Trichloroethane	10.585	97	78640	51.844	ug/l	100
56) Ethyl methacrylate	10.450	69	108592	54.625	ug/l	100
57) 1,3-Dichloropropane	10.725	76	134252	52.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	237122	262.808	ug/l	100
59) 2-Hexanone	10.767	43	202107	277.962	ug/l	100
60) Dibromochloromethane	10.920	129	110167	51.604	ug/l	100
61) 1,2-Dibromoethane	11.023	107	75786	52.236	ug/l	100
64) Tetrachloroethene	10.658	164	113672	50.551	ug/l	100
65) Chlorobenzene	11.450	112	320506	50.723	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.523	131	114751	51.106	ug/l	100
67) Ethyl Benzene	11.529	91	569041	51.610	ug/l	100
68) m/p-Xylenes	11.639	106	435667	103.192	ug/l	100
69) o-Xylene	11.962	106	204123	51.760	ug/l	100
70) Styrene	11.981	104	340665	52.709	ug/l	100
71) Bromoform	12.139	173	67211	52.862	ug/l #	100
73) Isopropylbenzene	12.267	105	550837	51.713	ug/l	100
74) N-amyl acetate	12.078	43	104331	55.044	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.517	83	88149	53.188	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	61067m	55.845	ug/l	
77) Bromobenzene	12.541	156	128502	51.465	ug/l	100
78) n-propylbenzene	12.602	91	647351	52.174	ug/l	100
79) 2-Chlorotoluene	12.688	91	359489	51.084	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	442823	51.738	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	30765	54.355	ug/l	100
82) 4-Chlorotoluene	12.785	91	370813	51.602	ug/l	100
83) tert-Butylbenzene	13.011	119	417004	52.822	ug/l	100
84) 1,2,4-Trimethylbenzene	13.054	105	437648	51.941	ug/l	100
85) sec-Butylbenzene	13.188	105	579136	51.453	ug/l	100
86) p-Isopropyltoluene	13.304	119	493959	51.945	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	245598	51.366	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	240422	51.189	ug/l	100
89) n-Butylbenzene	13.627	91	440634	52.532	ug/l	100
90) Hexachloroethane	13.889	117	96557	51.115	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	214385	51.753	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	13070	52.496	ug/l	100
93) 1,2,4-Trichlorobenzene	14.931	180	129845	52.105	ug/l	100
94) Hexachlorobutadiene	15.035	225	86640	50.816	ug/l	100
95) Naphthalene	15.157	128	216001	54.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	108849	51.991	ug/l	100

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

