

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013025\
 Data File : VY020997.D
 Acq On : 30 Jan 2025 19:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2025
 Supervised By : Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 04:45:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 02:19:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	197396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	288196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	251546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	132434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	74530	44.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.700%
35) Dibromofluoromethane	7.634	113	78517	45.318	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.640%
50) Toluene-d8	10.109	98	299040	44.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.440%
62) 4-Bromofluorobenzene	12.408	95	103111	45.441	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.880%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	82020	48.866	ug/l	100
3) Chloromethane	2.074	50	46153	43.251	ug/l	93
4) Vinyl Chloride	2.208	62	48813	44.365	ug/l	99
5) Bromomethane	2.598	94	35294	47.386	ug/l	100
6) Chloroethane	2.745	64	28091	43.707	ug/l	96
7) Trichlorofluoromethane	3.068	101	127013	47.836	ug/l	98
8) Diethyl Ether	3.458	74	41226	52.009	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	85418	47.775	ug/l	98
10) Methyl Iodide	4.013	142	99025	48.400	ug/l	98
11) Tert butyl alcohol	4.866	59	26461	215.535	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	81040	48.502	ug/l	98
13) Acrolein	3.653	56	31456	222.499	ug/l	100
14) Allyl chloride	4.391	41	110123	47.874	ug/l	99
15) Acrylonitrile	5.067	53	82469	252.932	ug/l	98
16) Acetone	3.866	43	55280	241.328	ug/l	96
17) Carbon Disulfide	4.110	76	249078	48.401	ug/l	100
18) Methyl Acetate	4.391	43	41131	51.315	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	202324	52.024	ug/l	99
20) Methylene Chloride	4.622	84	83792	49.597	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	88693	49.510	ug/l	97
22) Diisopropyl ether	6.025	45	231065	49.281	ug/l	99
23) Vinyl Acetate	5.964	43	646155	248.849	ug/l	97
24) 1,1-Dichloroethane	5.921	63	146807	48.534	ug/l	100
25) 2-Butanone	6.896	43	94116	242.194	ug/l	97
26) 2,2-Dichloropropane	6.890	77	136509	45.836	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	102362	49.713	ug/l	98
28) Bromochloromethane	7.250	49	56539	50.169	ug/l	92
29) Tetrahydrofuran	7.268	42	64415	246.336	ug/l	96
30) Chloroform	7.427	83	161495	49.293	ug/l	100
31) Cyclohexane	7.707	56	130656	44.191	ug/l	99
32) 1,1,1-Trichloroethane	7.622	97	154147	48.616	ug/l	99
36) 1,1-Dichloropropene	7.841	75	116502	47.134	ug/l	99
37) Ethyl Acetate	6.982	43	45651	49.540	ug/l	98
38) Carbon Tetrachloride	7.823	117	149970	49.030	ug/l	97
39) Methylcyclohexane	9.109	83	156425	47.110	ug/l	97
40) Benzene	8.085	78	356037	48.954	ug/l	98

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41) Methacrylonitrile	7.226	41	24498	48.049	ug/l	91
42) 1,2-Dichloroethane	8.158	62	92588	50.198	ug/l	99
43) Isopropyl Acetate	8.201	43	90061	48.922	ug/l #	82
44) Trichloroethene	8.866	130	97325	48.497	ug/l	99
45) 1,2-Dichloropropane	9.140	63	77315	47.429	ug/l	97
46) Dibromomethane	9.231	93	46597	49.120	ug/l	97
47) Bromodichloromethane	9.426	83	122612	49.217	ug/l	98
48) Methyl methacrylate	9.225	41	41887	47.791	ug/l	93
49) 1,4-Dioxane	9.225	88	10219	1013.764	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	229443	242.554	ug/l	98
52) Toluene	10.170	92	231714	49.083	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	112570	49.933	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	132182	49.058	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	62857	49.824	ug/l	98
56) Ethyl methacrylate	10.438	69	85752	52.001	ug/l	97
57) 1,3-Dichloropropane	10.719	76	106078	49.609	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	176962	252.833	ug/l	97
59) 2-Hexanone	10.762	43	152770	248.462	ug/l	99
60) Dibromochloromethane	10.914	129	91407	50.816	ug/l	98
61) 1,2-Dibromoethane	11.018	107	60318	50.057	ug/l	98
64) Tetrachloroethene	10.652	164	89798	47.325	ug/l	98
65) Chlorobenzene	11.444	112	261350	49.314	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	95036	50.525	ug/l	97
67) Ethyl Benzene	11.524	91	448552	48.882	ug/l	98
68) m/p-Xylenes	11.633	106	349512	99.137	ug/l	100
69) o-Xylene	11.956	106	165601	50.528	ug/l	100
70) Styrene	11.975	104	279783	51.417	ug/l	100
71) Bromoform	12.133	173	56201	50.697	ug/l #	98
73) Isopropylbenzene	12.255	105	438633	47.159	ug/l	100
74) N-amyl acetate	12.072	43	80079	47.281	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	69122	46.039	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	46009m	43.886	ug/l	
77) Bromobenzene	12.536	156	108099	49.020	ug/l	97
78) n-propylbenzene	12.597	91	513912	47.144	ug/l	99
79) 2-Chlorotoluene	12.682	91	293582	47.270	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	363703	47.729	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	24338	48.190	ug/l	97
82) 4-Chlorotoluene	12.779	91	299772	47.160	ug/l	97
83) tert-Butylbenzene	12.999	119	330523	46.767	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	361413	48.554	ug/l	99
85) sec-Butylbenzene	13.182	105	471668	47.140	ug/l	99
86) p-Isopropyltoluene	13.298	119	408289	48.556	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	206165	47.948	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	204423	47.878	ug/l	99
89) n-Butylbenzene	13.621	91	354632	47.086	ug/l	99
90) Hexachloroethane	13.883	117	80067	47.067	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	181054	48.287	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	11092	47.987	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	113902	49.613	ug/l	100
94) Hexachlorobutadiene	15.029	225	74858	47.078	ug/l	98
95) Naphthalene	15.151	128	189928	46.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	98054	44.741	ug/l	100

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

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