

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011652.D
 Acq On : 30 Nov 2022 19:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 01 05:27:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	182034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	266100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99346	53.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.500%	
35) Dibromofluoromethane	7.716	113	96183	53.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.660%	
50) Toluene-d8	10.179	98	326080	50.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	12.483	95	130160	54.218	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	48460	49.426	ug/l	100
3) Chloromethane	2.113	50	73575	47.299	ug/l	98
4) Vinyl Chloride	2.247	62	84512	41.047	ug/l	99
5) Bromomethane	2.649	94	57898	43.533	ug/l	100
6) Chloroethane	2.790	64	58069	40.423	ug/l	98
7) Trichlorofluoromethane	3.125	101	143993	47.678	ug/l	94
8) Diethyl Ether	3.527	74	52551	53.839	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.899	101	86340	49.440	ug/l	97
10) Methyl Iodide	4.088	142	102923	50.585	ug/l	96
11) Tert butyl alcohol	4.948	59	62580	321.072	ug/l	100
12) 1,1-Dichloroethene	3.875	96	80609	50.390	ug/l	88
13) Acrolein	3.735	56	9761	200.280	ug/l	99
14) Allyl chloride	4.478	41	144797	51.561	ug/l #	91
15) Acrylonitrile	5.161	53	155665	291.984	ug/l	98
16) Acetone	3.942	43	136868	227.968	ug/l	91
17) Carbon Disulfide	4.192	76	206362	46.545	ug/l	99
18) Methyl Acetate	4.472	43	80029	58.052	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	263269	57.665	ug/l	98
20) Methylene Chloride	4.710	84	123199	56.140	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	93997	50.848	ug/l	92
22) Diisopropyl ether	6.118	45	329018	53.674	ug/l	94
23) Vinyl Acetate	6.057	43	1019627	285.553	ug/l	96
24) 1,1-Dichloroethane	6.015	63	184598	51.290	ug/l	99
25) 2-Butanone	6.984	43	206771	262.055	ug/l	93
26) 2,2-Dichloropropane	6.984	77	162465	48.909	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	114625	52.670	ug/l	93
28) Bromochloromethane	7.332	49	75666	52.332	ug/l	91
29) Tetrahydrofuran	7.344	42	130502	292.870	ug/l	92
30) Chloroform	7.502	83	194704	52.165	ug/l	100
31) Cyclohexane	7.783	56	146057	47.673	ug/l	100
32) 1,1,1-Trichloroethane	7.697	97	171461	51.353	ug/l	97
36) 1,1-Dichloropropene	7.917	75	135920	48.664	ug/l	98
37) Ethyl Acetate	7.069	43	87383	54.943	ug/l	96
38) Carbon Tetrachloride	7.899	117	154184	49.342	ug/l	99
39) Methylcyclohexane	9.185	83	155450	49.873	ug/l	93
40) Benzene	8.161	78	404120	49.671	ug/l	96

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41) Methacrylonitrile	7.307	41	41572m	51.698	ug/l	
42) 1,2-Dichloroethane	8.234	62	128114	50.916	ug/l	93
43) Isopropyl Acetate	8.270	43	156527	54.556	ug/l #	93
44) Trichloroethene	8.935	130	107426	49.075	ug/l	95
45) 1,2-Dichloropropane	9.215	63	106611	51.265	ug/l	96
46) Dibromomethane	9.301	93	59928	51.538	ug/l	97
47) Bromodichloromethane	9.496	83	150772	51.477	ug/l	99
48) Methyl methacrylate	9.289	41	70954	55.677	ug/l #	87
49) 1,4-Dioxane	9.295	88	16916	1174.717	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	450055	282.176	ug/l	92
52) Toluene	10.240	92	256682	49.890	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	151531	51.757	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	168898	51.280	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	86981	52.286	ug/l	99
56) Ethyl methacrylate	10.508	69	118579	57.313	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	148610	52.748	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	272130	268.563	ug/l	98
59) 2-Hexanone	10.831	43	310572	272.827	ug/l	91
60) Dibromochloromethane	10.983	129	106899	52.435	ug/l	99
61) 1,2-Dibromoethane	11.087	107	80169	52.796	ug/l	99
64) Tetrachloroethene	10.721	164	110803	50.530	ug/l	97
65) Chlorobenzene	11.514	112	277924	49.877	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	107680	50.987	ug/l	98
67) Ethyl Benzene	11.593	91	504042	50.098	ug/l	98
68) m/p-Xylenes	11.703	106	386682	100.963	ug/l	97
69) o-Xylene	12.026	106	184973	51.874	ug/l	96
70) Styrene	12.044	104	316924	52.069	ug/l	97
71) Bromoform	12.209	173	68333	53.184	ug/l #	99
73) Isopropylbenzene	12.331	105	500857	50.198	ug/l	99
74) N-amyl acetate	12.142	43	130856	53.108	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	100571	51.152	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	78056m	52.536	ug/l	
77) Bromobenzene	12.605	156	116148	49.852	ug/l	98
78) n-propylbenzene	12.672	91	604420	49.654	ug/l	99
79) 2-Chlorotoluene	12.757	91	340585	49.641	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	421216	50.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	35093	51.735	ug/l	92
82) 4-Chlorotoluene	12.855	91	348841	48.626	ug/l	99
83) tert-Butylbenzene	13.074	119	373071	50.924	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	418094	50.330	ug/l	100
85) sec-Butylbenzene	13.251	105	543794	49.749	ug/l	100
86) p-Isopropyltoluene	13.367	119	456643	50.056	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	228793	48.241	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	226519	47.765	ug/l	99
89) n-Butylbenzene	13.696	91	418930	49.956	ug/l	99
90) Hexachloroethane	13.958	117	87322	47.401	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	206622	49.148	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18264	56.643	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	121568	52.133	ug/l	98
94) Hexachlorobutadiene	15.111	225	73914	50.993	ug/l	100
95) Naphthalene	15.233	128	267119	54.269	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	107007	53.547	ug/l	98

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

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