

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017133.D
 Acq On : 30 Jan 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 00:26:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	118450	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	195320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	166967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61104	52.947	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.740	113	66819	56.682	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.360%	
50) Toluene-d8	10.197	98	253442	56.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.840%	
62) 4-Bromofluorobenzene	12.502	95	76468	55.750	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	40648	47.037	ug/l	97
3) Chloromethane	2.131	50	72863	48.492	ug/l	100
4) Vinyl Chloride	2.266	62	87792	51.569	ug/l	100
5) Bromomethane	2.674	94	62841	49.237	ug/l	97
6) Chloroethane	2.820	64	60018	53.696	ug/l	99
7) Trichlorofluoromethane	3.150	101	100962	51.952	ug/l	99
8) Diethyl Ether	3.552	74	30699	44.982	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.930	101	63889	48.222	ug/l	100
10) Methyl Iodide	4.119	142	62067	49.311	ug/l	97
11) Tert butyl alcohol	4.991	59	17444	202.829	ug/l	98
12) 1,1-Dichloroethene	3.899	96	58527	48.258	ug/l	97
13) Acrolein	3.753	56	27176	196.347	ug/l	98
14) Allyl chloride	4.509	41	90936	49.607	ug/l	99
15) Acrylonitrile	5.198	53	68912	232.659	ug/l	100
16) Acetone	3.973	43	71833	227.853	ug/l	97
17) Carbon Disulfide	4.229	76	160751	43.977	ug/l	99
18) Methyl Acetate	4.509	43	60062	50.732	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	137712	46.532	ug/l	99
20) Methylene Chloride	4.747	84	66977	52.494	ug/l	96
21) trans-1,2-Dichloroethene	5.259	96	67336	48.001	ug/l	98
22) Diisopropyl ether	6.149	45	207880	51.375	ug/l	98
23) Vinyl Acetate	6.094	43	458686	233.690	ug/l	100
24) 1,1-Dichloroethane	6.051	63	124166	50.309	ug/l	99
25) 2-Butanone	7.015	43	93086	214.024	ug/l	99
26) 2,2-Dichloropropane	7.009	77	104351	49.503	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	78555	50.533	ug/l	100
28) Bromochloromethane	7.362	49	53070	54.012	ug/l	99
29) Tetrahydrofuran	7.374	42	53682	229.394	ug/l	98
30) Chloroform	7.533	83	125972	50.126	ug/l	100
31) Cyclohexane	7.813	56	102906	50.278	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	108451	50.326	ug/l	100
36) 1,1-Dichloropropene	7.941	75	97309	50.170	ug/l	99
37) Ethyl Acetate	7.100	43	37933	45.484	ug/l	99
38) Carbon Tetrachloride	7.929	117	95623	50.309	ug/l	100
39) Methylcyclohexane	9.203	83	114474	49.071	ug/l	98
40) Benzene	8.185	78	285487	50.683	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	22257	49.900	ug/l	98
42) 1,2-Dichloroethane	8.258	62	70896	48.548	ug/l	100
43) Isopropyl Acetate	8.295	43	72489	46.559	ug/l	99
44) Trichloroethene	8.960	130	72148	49.940	ug/l	97
45) 1,2-Dichloropropane	9.234	63	71195	51.496	ug/l	99
46) Dibromomethane	9.325	93	35316	48.099	ug/l	99
47) Bromodichloromethane	9.514	83	94755	50.727	ug/l	97
48) Methyl methacrylate	9.313	41	40300	46.619	ug/l	99
49) 1,4-Dioxane	9.319	88	7288	1009.236	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	195133	235.609	ug/l	99
52) Toluene	10.264	92	175298	51.417	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	84929	49.771	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	105923	50.470	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	49757	48.487	ug/l	99
56) Ethyl methacrylate	10.526	69	42733	47.619	ug/l	97
57) 1,3-Dichloropropane	10.807	76	85954	49.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	184161	295.642	ug/l	100
59) 2-Hexanone	10.849	43	136750	216.429	ug/l	99
60) Dibromochloromethane	11.002	129	58401	48.985	ug/l	100
61) 1,2-Dibromoethane	11.105	107	44600	47.842	ug/l	100
64) Tetrachloroethene	10.740	164	56944	48.929	ug/l	95
65) Chlorobenzene	11.532	112	177253	50.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	66471	51.432	ug/l	99
67) Ethyl Benzene	11.611	91	334257	51.966	ug/l	97
68) m/p-Xylenes	11.721	106	254690	105.388	ug/l	98
69) o-Xylene	12.044	106	113772	51.827	ug/l	100
70) Styrene	12.063	104	170306	53.439	ug/l	99
71) Bromoform	12.227	173	32080	49.502	ug/l #	98
73) Isopropylbenzene	12.349	105	318437	53.167	ug/l	100
74) N-amyl acetate	12.160	43	56673	46.944	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	54399	47.631	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	36798m	41.611	ug/l	
77) Bromobenzene	12.623	156	66487	51.303	ug/l	97
78) n-propylbenzene	12.691	91	384134	53.324	ug/l	100
79) 2-Chlorotoluene	12.776	91	207350	52.452	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	251005	52.953	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	16066	47.034	ug/l	98
82) 4-Chlorotoluene	12.873	91	213330	52.069	ug/l	100
83) tert-Butylbenzene	13.093	119	220389	53.752	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	247437	52.520	ug/l	98
85) sec-Butylbenzene	13.270	105	325159	53.559	ug/l	99
86) p-Isopropyltoluene	13.386	119	271394	53.666	ug/l	100
87) 1,3-Dichlorobenzene	13.386	146	131279	51.307	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	124824	49.583	ug/l	99
89) n-Butylbenzene	13.715	91	260743	53.454	ug/l	99
90) Hexachloroethane	13.977	117	54724	51.918	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	109975	50.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6401	43.883	ug/l	99
93) 1,2,4-Trichlorobenzene	15.025	180	55782	48.852	ug/l	98
94) Hexachlorobutadiene	15.129	225	33609	48.906	ug/l	99
95) Naphthalene	15.257	128	94815	47.014	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	45034	47.405	ug/l	97

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

