

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018646.D
 Acq On : 19 Jun 2024 16:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 02:12:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	121533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	213646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	192771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	55944	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.704	113	59198	45.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.840%
50) Toluene-d8	10.173	98	226475	45.187	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.380%
62) 4-Bromofluorobenzene	12.477	95	74992	47.384	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34298	42.848	ug/l	97
3) Chloromethane	2.101	50	96640	58.620	ug/l	98
4) Vinyl Chloride	2.235	62	117613	57.608	ug/l	97
5) Bromomethane	2.631	94	76751	50.578	ug/l	98
6) Chloroethane	2.778	64	70342	52.595	ug/l	99
7) Trichlorofluoromethane	3.101	101	123878	56.346	ug/l	93
8) Diethyl Ether	3.509	74	31455	50.179	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.875	101	57883	50.390	ug/l	96
10) Methyl Iodide	4.064	142	66472	47.889	ug/l	97
11) Tert butyl alcohol	4.942	59	22008	99.995	ug/l #	79
12) 1,1-Dichloroethene	3.844	96	56903	49.293	ug/l	92
13) Acrolein	3.710	56	15466	218.575	ug/l	96
14) Allyl chloride	4.454	41	82650	53.108	ug/l	97
15) Acrylonitrile	5.137	53	70554	253.004	ug/l	97
16) Acetone	3.930	43	52521	210.978	ug/l	89
17) Carbon Disulfide	4.174	76	159597	45.782	ug/l	99
18) Methyl Acetate	4.460	43	35462	56.161	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	151118	49.075	ug/l	98
20) Methylene Chloride	4.698	84	73351	47.333	ug/l	98
21) trans-1,2-Dichloroethene	5.192	96	65993	50.219	ug/l	97
22) Diisopropyl ether	6.094	45	195615	55.678	ug/l	94
23) Vinyl Acetate	6.039	43	767460	235.711	ug/l	97
24) 1,1-Dichloroethane	5.990	63	120198	53.104	ug/l	98
25) 2-Butanone	6.972	43	90506	242.546	ug/l	90
26) 2,2-Dichloropropane	6.960	77	84853	44.496	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	82274	51.833	ug/l	98
28) Bromochloromethane	7.313	49	44400	47.859	ug/l	93
29) Tetrahydrofuran	7.332	42	62585	273.303	ug/l	90
30) Chloroform	7.490	83	129105	52.338	ug/l	97
31) Cyclohexane	7.771	56	94305	50.315	ug/l	100
32) 1,1,1-Trichloroethane	7.685	97	108139	51.603	ug/l	97
36) 1,1-Dichloropropene	7.905	75	88807	49.505	ug/l	99
37) Ethyl Acetate	7.057	43	42485	50.239	ug/l	97
38) Carbon Tetrachloride	7.886	117	94021	49.957	ug/l	97
39) Methylcyclohexane	9.173	83	115027	52.331	ug/l	97
40) Benzene	8.149	78	285030	51.375	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	23856	56.089	ug/l #	67
42) 1,2-Dichloroethane	8.222	62	73713	50.928	ug/l	99
43) Isopropyl Acetate	8.264	43	81948	51.919	ug/l	95
44) Trichloroethene	8.929	130	73688	50.731	ug/l	98
45) 1,2-Dichloropropane	9.209	63	65628	51.733	ug/l	100
46) Dibromomethane	9.295	93	39289	49.913	ug/l	97
47) Bromodichloromethane	9.490	83	97995	52.161	ug/l	100
48) Methyl methacrylate	9.283	41	36229	50.985	ug/l	95
49) 1,4-Dioxane	9.289	88	9970	963.062	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	214918	258.502	ug/l	96
52) Toluene	10.234	92	185812	52.165	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	84311	51.353	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	103909	52.446	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	54099	51.672	ug/l	97
56) Ethyl methacrylate	10.502	69	72336	52.799	ug/l	93
57) 1,3-Dichloropropane	10.782	76	91202	52.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.770	63	168691	255.055	ug/l	98
59) 2-Hexanone	10.825	43	147153	252.681	ug/l	94
60) Dibromochloromethane	10.977	129	68317	52.528	ug/l	98
61) 1,2-Dibromoethane	11.081	107	50552	52.245	ug/l	99
64) Tetrachloroethene	10.715	164	73806	53.680	ug/l	99
65) Chlorobenzene	11.508	112	205571	51.622	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.581	131	69006	51.709	ug/l	99
67) Ethyl Benzene	11.587	91	358959	51.950	ug/l	99
68) m/p-Xylenes	11.697	106	281448	104.678	ug/l	100
69) o-Xylene	12.026	106	134827	52.147	ug/l	98
70) Styrene	12.038	104	231129	54.111	ug/l	99
71) Bromoform	12.203	173	38439	52.494	ug/l #	98
73) Isopropylbenzene	12.325	105	346251	48.016	ug/l	99
74) N-amyl acetate	12.136	43	74135	50.205	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.575	83	61099	47.718	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	45033m	48.614	ug/l	
77) Bromobenzene	12.605	156	81822	49.064	ug/l	96
78) n-propylbenzene	12.666	91	419149	49.667	ug/l	99
79) 2-Chlorotoluene	12.751	91	234107	49.143	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	284480	49.776	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	17535	49.583	ug/l	92
82) 4-Chlorotoluene	12.849	91	238634	49.745	ug/l	98
83) tert-Butylbenzene	13.068	119	254076	48.034	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	282731	49.495	ug/l	99
85) sec-Butylbenzene	13.251	105	385432	51.091	ug/l	100
86) p-Isopropyltoluene	13.367	119	321255	50.229	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	165819	49.297	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	164190	49.743	ug/l	98
89) n-Butylbenzene	13.690	91	295326	51.230	ug/l	99
90) Hexachloroethane	13.952	117	60341	51.935	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	145564	50.659	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8662	46.719	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	80071	50.018	ug/l	99
94) Hexachlorobutadiene	15.105	225	43147	52.456	ug/l	97
95) Naphthalene	15.233	128	152442	50.957	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	68370	50.547	ug/l	99

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

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