

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072224\
 Data File : VY018886.D
 Acq On : 22 Jul 2024 10:27
 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: Jul 23 01:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	103336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	158910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	68102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46957	46.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.360%
35) Dibromofluoromethane	7.703	113	49359	49.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.173	98	177662	47.116	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.477	95	60552	47.023	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	41330	47.732	ug/l	100
3) Chloromethane	2.107	50	60282	45.813	ug/l	100
4) Vinyl Chloride	2.241	62	72160	46.880	ug/l	96
5) Bromomethane	2.637	94	52765	49.836	ug/l	98
6) Chloroethane	2.784	64	48242	48.241	ug/l	99
7) Trichlorofluoromethane	3.113	101	95971	47.714	ug/l	96
8) Diethyl Ether	3.515	74	25099	51.197	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	50703	49.131	ug/l	95
10) Methyl Iodide	4.076	142	57369	51.624	ug/l	90
11) Tert butyl alcohol	4.942	59	17551	170.386	ug/l #	85
12) 1,1-Dichloroethene	3.857	96	48719	48.799	ug/l	97
13) Acrolein	3.710	56	11467	138.947	ug/l	98
14) Allyl chloride	4.460	41	61771	49.943	ug/l	89
15) Acrylonitrile	5.149	53	49520	256.051	ug/l	99
16) Acetone	3.930	43	51964	277.189	ug/l #	85
17) Carbon Disulfide	4.180	76	130680	46.747	ug/l	99
18) Methyl Acetate	4.460	43	26026	47.779	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	118791	51.292	ug/l #	90
20) Methylene Chloride	4.692	84	55740	52.778	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	53090	50.384	ug/l	99
22) Diisopropyl ether	6.100	45	136101	50.587	ug/l	91
23) Vinyl Acetate	6.045	43	550278	259.616	ug/l	98
24) 1,1-Dichloroethane	6.003	63	85150	49.570	ug/l	97
25) 2-Butanone	6.972	43	68535	260.809	ug/l	93
26) 2,2-Dichloropropane	6.966	77	81506	51.138	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	61264	49.939	ug/l	95
28) Bromochloromethane	7.319	49	33575	48.664	ug/l	100
29) Tetrahydrofuran	7.338	42	40543	251.665	ug/l	94
30) Chloroform	7.496	83	98958	51.690	ug/l	98
31) Cyclohexane	7.771	56	71548	45.799	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	91579	51.442	ug/l	98
36) 1,1-Dichloropropene	7.905	75	68740	50.046	ug/l	99
37) Ethyl Acetate	7.063	43	26987	47.269	ug/l #	97
38) Carbon Tetrachloride	7.892	117	85356	51.596	ug/l	98
39) Methylcyclohexane	9.179	83	88675	50.378	ug/l	97
40) Benzene	8.149	78	205768	51.642	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	16364m	50.274	ug/l	
42) 1,2-Dichloroethane	8.228	62	57826	51.835	ug/l	96
43) Isopropyl Acetate	8.264	43	57767	50.850	ug/l	94
44) Trichloroethene	8.935	130	59625	52.351	ug/l	96
45) 1,2-Dichloropropane	9.209	63	46119	53.153	ug/l	97
46) Dibromomethane	9.301	93	29940	53.235	ug/l	96
47) Bromodichloromethane	9.490	83	75512	53.745	ug/l	96
48) Methyl methacrylate	9.282	41	26402	51.131	ug/l #	85
49) 1,4-Dioxane	9.289	88	7018	1064.512	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	150383	259.277	ug/l	93
52) Toluene	10.240	92	134197	50.673	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	67212	55.406	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	76215	53.555	ug/l #	87
55) 1,1,2-Trichloroethane	10.636	97	38482	54.034	ug/l	96
56) Ethyl methacrylate	10.508	69	49578	52.876	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	63541	53.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	115314	257.421	ug/l	92
59) 2-Hexanone	10.825	43	108257	266.792	ug/l	92
60) Dibromochloromethane	10.977	129	54680	55.879	ug/l	99
61) 1,2-Dibromoethane	11.081	107	36552	52.792	ug/l	99
64) Tetrachloroethene	10.715	164	59280	53.953	ug/l	96
65) Chlorobenzene	11.514	112	154081	53.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	55243	55.993	ug/l	96
67) Ethyl Benzene	11.587	91	264047	52.637	ug/l	97
68) m/p-Xylenes	11.697	106	208516	105.925	ug/l	100
69) o-Xylene	12.026	106	97658	52.768	ug/l	99
70) Styrene	12.044	104	165484	53.589	ug/l	97
71) Bromoform	12.209	173	30927	57.509	ug/l #	96
73) Isopropylbenzene	12.325	105	262161	52.599	ug/l	99
74) N-amyl acetate	12.142	43	52222	51.233	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	40051	50.973	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	26693m	50.044	ug/l	
77) Bromobenzene	12.605	156	62871	52.839	ug/l	92
78) n-propylbenzene	12.666	91	299699	50.635	ug/l	97
79) 2-Chlorotoluene	12.751	91	171408	51.503	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	211517	51.866	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12892	54.094	ug/l	87
82) 4-Chlorotoluene	12.855	91	174007	50.775	ug/l	97
83) tert-Butylbenzene	13.074	119	197513	52.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	206721	51.011	ug/l	99
85) sec-Butylbenzene	13.251	105	279739	52.345	ug/l	97
86) p-Isopropyltoluene	13.367	119	238074	51.602	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	121667	52.062	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	119822	51.732	ug/l	99
89) n-Butylbenzene	13.696	91	212383	50.777	ug/l	98
90) Hexachloroethane	13.958	117	44928	52.363	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	105772	52.396	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5790	45.477	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	64278	52.161	ug/l	97
94) Hexachlorobutadiene	15.111	225	37104	52.238	ug/l	97
95) Naphthalene	15.233	128	106455	50.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	54954	52.120	ug/l	96

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

