

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062424\
 Data File : VY018680.D
 Acq On : 24 Jun 2024 17:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 01:11:31 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	7.783	168	142958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	234051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	67076	46.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.200%
35) Dibromofluoromethane	7.703	113	72736	50.944	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.172	98	270678	49.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.477	95	88730	51.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	40934	43.475	ug/l	99
3) Chloromethane	2.101	50	80702	41.616	ug/l	95
4) Vinyl Chloride	2.241	62	104147	43.367	ug/l	95
5) Bromomethane	2.637	94	71324	39.957	ug/l	98
6) Chloroethane	2.777	64	67813	43.105	ug/l	99
7) Trichlorofluoromethane	3.107	101	126640	48.970	ug/l	95
8) Diethyl Ether	3.515	74	34103	46.250	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	69370	51.339	ug/l	99
10) Methyl Iodide	4.070	142	83224	50.927	ug/l	97
11) Tert butyl alcohol	4.942	59	23961	92.552	ug/l #	88
12) 1,1-Dichloroethene	3.850	96	63841	47.015	ug/l	98
13) Acrolein	3.716	56	15682	188.413	ug/l	99
14) Allyl chloride	4.460	41	81390	44.460	ug/l	98
15) Acrylonitrile	5.143	53	78184	238.346	ug/l	97
16) Acetone	3.930	43	70815	241.833	ug/l	94
17) Carbon Disulfide	4.173	76	171050	41.911	ug/l	98
18) Methyl Acetate	4.460	43	35987	48.451	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	165899	45.800	ug/l	99
20) Methylene Chloride	4.698	84	86259	47.317	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	73886	47.799	ug/l	98
22) Diisopropyl ether	6.100	45	189677	45.897	ug/l	92
23) Vinyl Acetate	6.039	43	769543	201.163	ug/l	98
24) 1,1-Dichloroethane	6.002	63	119569	44.909	ug/l	99
25) 2-Butanone	6.972	43	99144	225.875	ug/l	96
26) 2,2-Dichloropropane	6.972	77	97637	43.526	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	89002	47.668	ug/l	98
28) Bromochloromethane	7.319	49	46527	42.635	ug/l	98
29) Tetrahydrofuran	7.337	42	61585	228.631	ug/l	98
30) Chloroform	7.490	83	136669	47.101	ug/l	98
31) Cyclohexane	7.770	56	98709	44.772	ug/l	93
32) 1,1,1-Trichloroethane	7.685	97	117564	47.692	ug/l	99
36) 1,1-Dichloropropene	7.904	75	94367	48.018	ug/l	99
37) Ethyl Acetate	7.063	43	41588	44.891	ug/l #	97
38) Carbon Tetrachloride	7.892	117	104223	50.550	ug/l	98
39) Methylcyclohexane	9.179	83	122687	50.950	ug/l	98
40) Benzene	8.148	78	296795	48.832	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25720	55.200	ug/l #	86
42) 1,2-Dichloroethane	8.228	62	75204	47.428	ug/l	99
43) Isopropyl Acetate	8.264	43	81629	47.208	ug/l	96
44) Trichloroethene	8.935	130	78713	49.466	ug/l	98
45) 1,2-Dichloropropane	9.209	63	65740	47.303	ug/l	99
46) Dibromomethane	9.294	93	43109	49.991	ug/l	99
47) Bromodichloromethane	9.490	83	104465	50.757	ug/l	97
48) Methyl methacrylate	9.288	41	38351	49.266	ug/l	94
49) 1,4-Dioxane	9.288	88	11055	974.770	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	222063	243.810	ug/l	98
52) Toluene	10.239	92	193780	49.659	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	92429	51.390	ug/l	93
54) cis-1,3-Dichloropropene	9.922	75	108600	50.035	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	58148	50.698	ug/l	96
56) Ethyl methacrylate	10.508	69	76382	50.892	ug/l	92
57) 1,3-Dichloropropane	10.782	76	95577	50.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	176453	243.532	ug/l	96
59) 2-Hexanone	10.825	43	158387	248.261	ug/l	98
60) Dibromochloromethane	10.977	129	76493	53.687	ug/l	98
61) 1,2-Dibromoethane	11.087	107	55439	52.301	ug/l	99
64) Tetrachloroethene	10.715	164	81069	53.004	ug/l	99
65) Chlorobenzene	11.514	112	222056	50.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	75622	50.940	ug/l	97
67) Ethyl Benzene	11.587	91	371744	48.363	ug/l	95
68) m/p-Xylenes	11.696	106	296805	99.234	ug/l	99
69) o-Xylene	12.026	106	142166	49.429	ug/l	97
70) Styrene	12.038	104	243867	51.324	ug/l	98
71) Bromoform	12.202	173	43352	53.220	ug/l #	99
73) Isopropylbenzene	12.324	105	371174	47.809	ug/l	100
74) N-amyl acetate	12.142	43	74138	46.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.580	83	66160	47.993	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	42114m	42.227	ug/l	
77) Bromobenzene	12.605	156	89005	49.572	ug/l	93
78) n-propylbenzene	12.666	91	432953	47.651	ug/l	97
79) 2-Chlorotoluene	12.751	91	238613	46.523	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	295570	48.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19286	50.653	ug/l	94
82) 4-Chlorotoluene	12.849	91	232733	45.062	ug/l	92
83) tert-Butylbenzene	13.074	119	272490	47.849	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	285104	46.359	ug/l	97
85) sec-Butylbenzene	13.251	105	382637	47.110	ug/l	96
86) p-Isopropyltoluene	13.367	119	325012	47.200	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	176767	48.811	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	172563	48.558	ug/l	99
89) n-Butylbenzene	13.696	91	283874	45.738	ug/l	98
90) Hexachloroethane	13.958	117	64322	51.421	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	155796	50.360	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9037	45.273	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	90555	52.541	ug/l	98
94) Hexachlorobutadiene	15.110	225	48128	54.347	ug/l	99
95) Naphthalene	15.232	128	170003	52.782	ug/l	100
96) 1,2,3-Trichlorobenzene	15.421	180	79865	54.843	ug/l	99

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

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