

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018636.D
 Acq On : 19 Jun 2024 10:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 02:07:02 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	154035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	256003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	231297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70244	45.295	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.600%
35) Dibromofluoromethane	7.703	113	75773	48.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.172	98	286161	47.649	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.477	95	93899	49.514	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.893	85	43296	42.677	ug/l	98
3) Chloromethane	2.101	50	98087	46.944	ug/l	95
4) Vinyl Chloride	2.235	62	116789	45.134	ug/l	99
5) Bromomethane	2.637	94	83655	43.495	ug/l	99
6) Chloroethane	2.777	64	77488	45.713	ug/l	97
7) Trichlorofluoromethane	3.101	101	135761	48.722	ug/l	92
8) Diethyl Ether	3.509	74	37357	47.019	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.875	101	69321	47.614	ug/l	97
10) Methyl Iodide	4.070	142	79268	45.099	ug/l	97
11) Tert butyl alcohol	4.948	59	24188	86.711	ug/l #	79
12) 1,1-Dichloroethene	3.850	96	65885	45.031	ug/l	92
13) Acrolein	3.716	56	19582	218.351	ug/l	98
14) Allyl chloride	4.460	41	93767	47.538	ug/l	97
15) Acrylonitrile	5.143	53	80711	228.356	ug/l	99
16) Acetone	3.930	43	79450	251.810	ug/l	89
17) Carbon Disulfide	4.174	76	188558	42.827	ug/l	99
18) Methyl Acetate	4.460	43	37954	47.425	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	175272	44.908	ug/l	97
20) Methylene Chloride	4.698	84	83652	41.496	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	78740	47.276	ug/l	97
22) Diisopropyl ether	6.100	45	213873	48.030	ug/l	93
23) Vinyl Acetate	6.039	43	848353	205.700	ug/l	99
24) 1,1-Dichloroethane	5.996	63	132966	46.349	ug/l	99
25) 2-Butanone	6.972	43	108875	230.207	ug/l	95
26) 2,2-Dichloropropane	6.966	77	108179	44.758	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	93163	46.309	ug/l	98
28) Bromochloromethane	7.319	49	52957	45.038	ug/l	96
29) Tetrahydrofuran	7.332	42	65520	225.747	ug/l	96
30) Chloroform	7.496	83	143059	45.758	ug/l	99
31) Cyclohexane	7.770	56	106743	44.934	ug/l	100
32) 1,1,1-Trichloroethane	7.685	97	122869	46.260	ug/l	98
36) 1,1-Dichloropropene	7.905	75	100390	46.702	ug/l	99
37) Ethyl Acetate	7.063	43	44720	44.133	ug/l	98
38) Carbon Tetrachloride	7.886	117	109435	48.526	ug/l	98
39) Methylcyclohexane	9.173	83	130287	49.466	ug/l	97
40) Benzene	8.148	78	315901	47.519	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	23364m	45.844	ug/l	
42) 1,2-Dichloroethane	8.228	62	79617	45.906	ug/l	99
43) Isopropyl Acetate	8.264	43	89653	47.403	ug/l	95
44) Trichloroethene	8.929	130	82267	47.266	ug/l	98
45) 1,2-Dichloropropane	9.209	63	71311	46.912	ug/l	99
46) Dibromomethane	9.295	93	44181	46.841	ug/l	96
47) Bromodichloromethane	9.490	83	109878	48.809	ug/l	95
48) Methyl methacrylate	9.282	41	38540	45.264	ug/l	97
49) 1,4-Dioxane	9.288	88	10502	846.605	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	236094	236.987	ug/l	97
52) Toluene	10.240	92	207007	48.500	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	96697	49.152	ug/l	96
54) cis-1,3-Dichloropropene	9.922	75	115564	48.678	ug/l	98
55) 1,1,2-Trichloroethane	10.636	97	59463	47.398	ug/l	97
56) Ethyl methacrylate	10.502	69	80770	49.201	ug/l	94
57) 1,3-Dichloropropane	10.782	76	99184	47.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	190677	240.597	ug/l	99
59) 2-Hexanone	10.825	43	167383	239.864	ug/l	97
60) Dibromochloromethane	10.977	129	75561	48.486	ug/l	99
61) 1,2-Dibromoethane	11.081	107	57651	49.724	ug/l	98
64) Tetrachloroethene	10.715	164	80528	48.813	ug/l	97
65) Chlorobenzene	11.508	112	231672	48.486	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	75817	47.350	ug/l	99
67) Ethyl Benzene	11.587	91	399731	48.215	ug/l	98
68) m/p-Xylenes	11.697	106	316789	98.198	ug/l	99
69) o-Xylene	12.026	106	149409	48.161	ug/l	100
70) Styrene	12.038	104	256688	50.086	ug/l	98
71) Bromoform	12.203	173	43795	49.846	ug/l #	95
73) Isopropylbenzene	12.325	105	387470	45.334	ug/l	99
74) N-amyl acetate	12.136	43	82859	47.343	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.574	83	68506	45.141	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	49278m	44.883	ug/l	
77) Bromobenzene	12.605	156	90614	45.843	ug/l	97
78) n-propylbenzene	12.666	91	464114	46.400	ug/l	99
79) 2-Chlorotoluene	12.751	91	258312	45.749	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	319823	47.214	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20698	49.380	ug/l	94
82) 4-Chlorotoluene	12.849	91	269784	47.449	ug/l	98
83) tert-Butylbenzene	13.068	119	289991	46.255	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	317975	46.965	ug/l	99
85) sec-Butylbenzene	13.245	105	423689	47.384	ug/l	98
86) p-Isopropyltoluene	13.361	119	360454	47.550	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	186728	46.837	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	184787	47.233	ug/l	99
89) n-Butylbenzene	13.690	91	330882	48.427	ug/l	99
90) Hexachloroethane	13.958	117	67290	48.864	ug/l	97
91) 1,2-Dichlorobenzene	13.733	146	163806	48.097	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	9649	43.909	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	97200	51.228	ug/l	98
94) Hexachlorobutadiene	15.105	225	49355	50.626	ug/l	98
95) Naphthalene	15.233	128	183555	51.768	ug/l	99
96) 1,2,3-Trichlorobenzene	15.415	180	82365	51.377	ug/l	99

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

