

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101024\
 Data File : VY019860.D
 Acq On : 10 Oct 2024 17:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 01:46:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	325525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	563460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	489527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	233888	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	219500	54.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.520%	
35) Dibromofluoromethane	7.634	113	207958	55.930	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.860%	
50) Toluene-d8	10.103	98	765707	55.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.540%	
62) 4-Bromofluorobenzene	12.401	95	269937	54.408	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 108.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.866	85	150210	49.568	ug/l	95
3) Chloromethane	2.068	50	211437	53.608	ug/l	97
4) Vinyl Chloride	2.208	62	230091	53.014	ug/l	100
5) Bromomethane	2.598	94	146158	53.203	ug/l	94
6) Chloroethane	2.738	64	151408	51.928	ug/l	96
7) Trichlorofluoromethane	3.061	101	332802	51.532	ug/l	97
8) Diethyl Ether	3.458	74	101598	51.762	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.823	101	195345	52.002	ug/l	99
10) Methyl Iodide	4.006	142	200738	52.836	ug/l	100
11) Tert butyl alcohol	4.872	59	72057	219.778	ug/l	99
12) 1,1-Dichloroethene	3.793	96	181600	52.001	ug/l	97
13) Acrolein	3.659	56	71956	244.316	ug/l	98
14) Allyl chloride	4.390	41	333709	52.961	ug/l	99
15) Acrylonitrile	5.061	53	237712	264.783	ug/l	100
16) Acetone	3.872	43	245578	235.365	ug/l	98
17) Carbon Disulfide	4.110	76	505856	54.042	ug/l	99
18) Methyl Acetate	4.396	43	121912	54.240	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	516930	51.523	ug/l	97
20) Methylene Chloride	4.622	84	209780	49.818	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	203081	53.430	ug/l	97
22) Diisopropyl ether	6.024	45	734817	53.539	ug/l	99
23) Vinyl Acetate	5.963	43	1717356m	218.266	ug/l	
24) 1,1-Dichloroethane	5.921	63	403978	52.951	ug/l	99
25) 2-Butanone	6.902	43	346097	247.812	ug/l	97
26) 2,2-Dichloropropane	6.890	77	338353	49.798	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	245588	52.285	ug/l	100
28) Bromochloromethane	7.244	49	174421	51.941	ug/l	98
29) Tetrahydrofuran	7.268	42	207301	259.960	ug/l	98
30) Chloroform	7.426	83	412765	53.074	ug/l	98
31) Cyclohexane	7.701	56	339201	50.648	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	359463	52.740	ug/l	99
36) 1,1-Dichloropropene	7.841	75	287417	53.655	ug/l	100
37) Ethyl Acetate	6.987	43	146397	52.411	ug/l	99
38) Carbon Tetrachloride	7.823	117	305485	53.196	ug/l	99
39) Methylcyclohexane	9.109	83	352336	52.202	ug/l	95
40) Benzene	8.079	78	867205	53.493	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	81169	53.692	ug/l	94
42) 1,2-Dichloroethane	8.158	62	247844	53.214	ug/l	100
43) Isopropyl Acetate	8.201	43	292055	51.269	ug/l	99
44) Trichloroethene	8.865	130	207896	52.947	ug/l	98
45) 1,2-Dichloropropane	9.140	63	214188	52.785	ug/l	98
46) Dibromomethane	9.231	93	116534	52.565	ug/l	99
47) Bromodichloromethane	9.426	83	312304	53.072	ug/l	99
48) Methyl methacrylate	9.219	41	138478	55.264	ug/l	96
49) 1,4-Dioxane	9.231	88	25100	1011.572	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	760965	261.898	ug/l	99
52) Toluene	10.170	92	545477	53.904	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	278212	52.546	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	328945	52.653	ug/l	100
55) 1,1,2-Trichloroethane	10.572	97	152472	52.201	ug/l	96
56) Ethyl methacrylate	10.438	69	228636	54.552	ug/l	99
57) 1,3-Dichloropropane	10.719	76	269759	52.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	505566	259.117	ug/l	98
59) 2-Hexanone	10.761	43	539929	260.175	ug/l	100
60) Dibromochloromethane	10.908	129	196517	52.419	ug/l	98
61) 1,2-Dibromoethane	11.011	107	139446	52.832	ug/l	99
64) Tetrachloroethene	10.645	164	178355	51.223	ug/l	95
65) Chlorobenzene	11.438	112	582032	51.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	197013	52.007	ug/l	99
67) Ethyl Benzene	11.517	91	1065184	52.371	ug/l	99
68) m/p-Xylenes	11.627	106	784231	104.401	ug/l	100
69) o-Xylene	11.950	106	373646	51.771	ug/l	98
70) Styrene	11.968	104	638311	52.421	ug/l	100
71) Bromoform	12.127	173	101847	50.222	ug/l	97
73) Isopropylbenzene	12.255	105	1006082	51.140	ug/l	100
74) N-amyl acetate	12.066	43	266641	51.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	182339	52.161	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	120824m	49.611	ug/l	
77) Bromobenzene	12.529	156	210950	50.530	ug/l	99
78) n-propylbenzene	12.590	91	1210580	50.926	ug/l	99
79) 2-Chlorotoluene	12.676	91	695041	51.001	ug/l	100
80) 1,3,5-Trimethylbenzene	12.736	105	798891	50.283	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	56382	49.670	ug/l	99
82) 4-Chlorotoluene	12.773	91	705590	50.636	ug/l	100
83) tert-Butylbenzene	12.993	119	714073	50.170	ug/l	100
84) 1,2,4-Trimethylbenzene	13.041	105	794241	50.422	ug/l	100
85) sec-Butylbenzene	13.175	105	1075276	50.565	ug/l	98
86) p-Isopropyltoluene	13.291	119	859677	49.785	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	418132	49.597	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	408375	49.307	ug/l	100
89) n-Butylbenzene	13.614	91	838532	49.731	ug/l	100
90) Hexachloroethane	13.877	117	166674	49.570	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	367306	49.584	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26726	47.906	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	193796	46.656	ug/l	99
94) Hexachlorobutadiene	15.023	225	107974	46.756	ug/l	98
95) Naphthalene	15.138	128	387497	49.462	ug/l	100
96) 1,2,3-Trichlorobenzene	15.327	180	163647	46.606	ug/l	98

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

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