

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017812.D
 Acq On : 02 Apr 2024 08:55
 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: Apr 03 02:00:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	238398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	365924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	306386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	139214	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	108283	52.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.980%	
35) Dibromofluoromethane	7.722	113	116338	55.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.040%	
50) Toluene-d8	10.185	98	426778	54.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.489	95	128292	53.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69383	43.519	ug/l	100
3) Chloromethane	2.119	50	141671	45.528	ug/l	97
4) Vinyl Chloride	2.253	62	191827	47.171	ug/l	100
5) Bromomethane	2.656	94	145175	44.152	ug/l	100
6) Chloroethane	2.802	64	127664	48.116	ug/l	100
7) Trichlorofluoromethane	3.131	101	185766	46.842	ug/l	94
8) Diethyl Ether	3.534	74	56443	48.452	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	115103	48.397	ug/l	97
10) Methyl Iodide	4.101	142	136872	52.921	ug/l	100
11) Tert butyl alcohol	4.960	59	35033	230.001	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	107993	48.525	ug/l	95
13) Acrolein	3.735	56	35580	246.177	ug/l	100
14) Allyl chloride	4.485	41	134304	49.190	ug/l	99
15) Acrylonitrile	5.167	53	116560	237.039	ug/l	98
16) Acetone	3.948	43	115397	270.614	ug/l	88
17) Carbon Disulfide	4.204	76	305505	48.507	ug/l	99
18) Methyl Acetate	4.485	43	44571	47.189	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	245433	48.165	ug/l	100
20) Methylene Chloride	4.722	84	117794	44.802	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	115699	48.582	ug/l	99
22) Diisopropyl ether	6.125	45	312141	49.462	ug/l	97
23) Vinyl Acetate	6.064	43	950237	246.622	ug/l	98
24) 1,1-Dichloroethane	6.021	63	207078	49.439	ug/l	98
25) 2-Butanone	6.990	43	153870	253.294	ug/l	95
26) 2,2-Dichloropropane	6.984	77	176977	48.920	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	137919	49.002	ug/l	96
28) Bromochloromethane	7.338	49	86442	50.749	ug/l	95
29) Tetrahydrofuran	7.350	42	87697	240.593	ug/l	96
30) Chloroform	7.508	83	213851	49.208	ug/l	98
31) Cyclohexane	7.789	56	171949	47.314	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	180954	48.922	ug/l	96
36) 1,1-Dichloropropene	7.923	75	155736	50.479	ug/l	97
37) Ethyl Acetate	7.076	43	65630	49.294	ug/l	99
38) Carbon Tetrachloride	7.905	117	162647	50.783	ug/l	97
39) Methylcyclohexane	9.191	83	194353	50.433	ug/l	97
40) Benzene	8.167	78	477488	50.220	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	37638m	49.533	ug/l	
42) 1,2-Dichloroethane	8.240	62	116338	49.713	ug/l	99
43) Isopropyl Acetate	8.277	43	118476	49.034	ug/l	97
44) Trichloroethene	8.947	130	121279	49.028	ug/l	96
45) 1,2-Dichloropropane	9.222	63	112391	50.871	ug/l	100
46) Dibromomethane	9.313	93	61653	49.118	ug/l	98
47) Bromodichloromethane	9.502	83	159805	50.386	ug/l	98
48) Methyl methacrylate	9.301	41	53308	51.712	ug/l	97
49) 1,4-Dioxane	9.301	88	14280	1013.414	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	319968	264.971	ug/l	99
52) Toluene	10.252	92	289365	50.175	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	138062	49.026	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	167903	48.852	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	79843	47.738	ug/l	96
56) Ethyl methacrylate	10.520	69	106170	51.482	ug/l	97
57) 1,3-Dichloropropane	10.801	76	137805	48.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	286635	271.698	ug/l	98
59) 2-Hexanone	10.837	43	232666	269.731	ug/l	98
60) Dibromochloromethane	10.990	129	100301	47.548	ug/l	99
61) 1,2-Dibromoethane	11.093	107	72873	47.783	ug/l	98
64) Tetrachloroethene	10.727	164	127440	47.689	ug/l	96
65) Chlorobenzene	11.526	112	310932	49.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	104885	49.148	ug/l	100
67) Ethyl Benzene	11.599	91	550161	50.920	ug/l	98
68) m/p-Xylenes	11.709	106	415230	101.338	ug/l	97
69) o-Xylene	12.038	106	193112	55.763	ug/l	100
70) Styrene	12.050	104	328619	55.173	ug/l	100
71) Bromoform	12.215	173	58178	49.182	ug/l #	98
73) Isopropylbenzene	12.337	105	503133	51.571	ug/l	99
74) N-amyl acetate	12.154	43	99737	53.489	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	84689	50.182	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	56789m	44.765	ug/l	
77) Bromobenzene	12.617	156	117052	50.376	ug/l	99
78) n-propylbenzene	12.678	91	622846	52.321	ug/l	100
79) 2-Chlorotoluene	12.764	91	337969	51.830	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	395244	51.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	28904	52.654	ug/l	96
82) 4-Chlorotoluene	12.861	91	344844	51.073	ug/l	100
83) tert-Butylbenzene	13.081	119	358683	51.816	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	389992	51.429	ug/l	100
85) sec-Butylbenzene	13.264	105	539559	51.932	ug/l	99
86) p-Isopropyltoluene	13.379	119	450061	51.824	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	227062	49.248	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	217136	49.203	ug/l	100
89) n-Butylbenzene	13.703	91	423147	52.959	ug/l	98
90) Hexachloroethane	13.971	117	87122	50.450	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	189438	49.568	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10647	46.686	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	101536	48.505	ug/l	99
94) Hexachlorobutadiene	15.123	225	62650	49.371	ug/l	98
95) Naphthalene	15.245	128	167088	49.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	85921	48.592	ug/l	99

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

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