

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061224\
 Data File : VY018567.D
 Acq On : 12 Jun 2024 14:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 13 00:53:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	46842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	77031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	70355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40948	44.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.020%
35) Dibromofluoromethane	7.704	113	38628	39.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.100%
50) Toluene-d8	10.173	98	152103	39.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.280%
62) 4-Bromofluorobenzene	12.477	95	51312	42.409	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28815	38.734	ug/l	97
3) Chloromethane	2.107	50	74284	53.543	ug/l	98
4) Vinyl Chloride	2.241	62	89102	53.693	ug/l	99
5) Bromomethane	2.644	94	53957	48.736	ug/l	96
6) Chloroethane	2.784	64	57341	54.728	ug/l	99
7) Trichlorofluoromethane	3.113	101	84246	49.066	ug/l	100
8) Diethyl Ether	3.515	74	24744	47.896	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.881	101	46870	46.880	ug/l	92
10) Methyl Iodide	4.076	142	47966	48.844	ug/l	96
11) Tert butyl alcohol	4.942	59	19504	166.757	ug/l	# 77
12) 1,1-Dichloroethene	3.857	96	45444	46.245	ug/l	85
13) Acrolein	3.716	56	16487	175.096	ug/l	93
14) Allyl chloride	4.460	41	76059	52.849	ug/l	91
15) Acrylonitrile	5.149	53	62742	265.566	ug/l	97
16) Acetone	3.930	43	64480	315.811	ug/l	# 80
17) Carbon Disulfide	4.186	76	124564	43.211	ug/l	100
18) Methyl Acetate	4.460	43	27455	53.774	ug/l	# 87
19) Methyl tert-butyl Ether	5.204	73	121629	51.356	ug/l	97
20) Methylene Chloride	4.698	84	58462	52.412	ug/l	# 85
21) trans-1,2-Dichloroethene	5.204	96	51402	49.016	ug/l	87
22) Diisopropyl ether	6.106	45	180126	61.458	ug/l	93
23) Vinyl Acetate	6.045	43	570115	298.889	ug/l	# 93
24) 1,1-Dichloroethane	6.003	63	99870	54.631	ug/l	98
25) 2-Butanone	6.972	43	90943	290.754	ug/l	# 85
26) 2,2-Dichloropropane	6.972	77	79760	49.641	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	62488	51.226	ug/l	89
28) Bromochloromethane	7.319	49	35317	41.981	ug/l	# 75
29) Tetrahydrofuran	7.332	42	56700	279.129	ug/l	# 85
30) Chloroform	7.496	83	98721	53.842	ug/l	95
31) Cyclohexane	7.771	56	87248	50.869	ug/l	86
32) 1,1,1-Trichloroethane	7.691	97	83403	51.935	ug/l	94
36) 1,1-Dichloropropene	7.911	75	74265	49.863	ug/l	96
37) Ethyl Acetate	7.063	43	40375	54.264	ug/l	# 94
38) Carbon Tetrachloride	7.893	117	69599	46.632	ug/l	99
39) Methylcyclohexane	9.173	83	96571	47.963	ug/l	89
40) Benzene	8.155	78	223134	50.001	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	22203	61.348	ug/l #	88
42) 1,2-Dichloroethane	8.228	62	55962	51.580	ug/l	97
43) Isopropyl Acetate	8.264	43	75873	54.536	ug/l #	88
44) Trichloroethene	8.935	130	52416	47.397	ug/l	97
45) 1,2-Dichloropropane	9.209	63	53876	52.790	ug/l	94
46) Dibromomethane	9.301	93	29394	50.234	ug/l #	87
47) Bromodichloromethane	9.490	83	74102	52.757	ug/l	99
48) Methyl methacrylate	9.289	41	33588	52.473	ug/l #	83
49) 1,4-Dioxane	9.289	88	7411	964.469	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	202654	280.521	ug/l	90
52) Toluene	10.240	92	142869	52.052	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	68670	53.238	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	81385	51.244	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	38721	50.863	ug/l	90
56) Ethyl methacrylate	10.508	69	58749	54.841	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	68632	53.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	131488	228.567	ug/l	93
59) 2-Hexanone	10.831	43	150492	301.453	ug/l	89
60) Dibromochloromethane	10.977	129	45298	48.705	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36336	50.687	ug/l	96
64) Tetrachloroethene	10.715	164	46886	45.243	ug/l	97
65) Chlorobenzene	11.514	112	149371	49.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	47578	48.769	ug/l	98
67) Ethyl Benzene	11.587	91	284383	51.785	ug/l	100
68) m/p-Xylenes	11.697	106	213946	103.463	ug/l	94
69) o-Xylene	12.026	106	101079	50.779	ug/l	95
70) Styrene	12.044	104	173449	53.330	ug/l	98
71) Bromoform	12.203	173	23883	46.469	ug/l #	100
73) Isopropylbenzene	12.325	105	272314	48.120	ug/l	99
74) N-amyl acetate	12.142	43	72257	52.457	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	46995	47.175	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	32014m	47.079	ug/l	
77) Bromobenzene	12.605	156	53059	44.159	ug/l	85
78) n-propylbenzene	12.666	91	338251	49.801	ug/l	98
79) 2-Chlorotoluene	12.751	91	181108	49.049	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	218190	49.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	15067	46.550	ug/l	89
82) 4-Chlorotoluene	12.855	91	185615	49.955	ug/l	97
83) tert-Butylbenzene	13.075	119	199443	48.935	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	218774	50.701	ug/l	98
85) sec-Butylbenzene	13.251	105	306370	51.043	ug/l	98
86) p-Isopropyltoluene	13.367	119	250563	51.723	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	116099	48.984	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	112267	48.215	ug/l	98
89) n-Butylbenzene	13.696	91	244490	53.111	ug/l	99
90) Hexachloroethane	13.959	117	44687	49.215	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	98729	47.870	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6582	43.420	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	50946	45.674	ug/l	98
94) Hexachlorobutadiene	15.111	225	26727	45.116	ug/l	98
95) Naphthalene	15.233	128	103980	46.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43018	45.582	ug/l	99

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

