

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018382.D
 Acq On : 28 May 2024 16:01
 Operator : SY/MD
 Sample : P2612-01
 Misc : 5.02/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-203

Quant Time: May 29 01:19:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	79	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.490	117	193	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	22	50.000	ug/l	# 0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	170	139.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 278.200%#	
35) Dibromofluoromethane	7.710	113	50	108.533	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.060%#	
50) Toluene-d8	10.173	98	192	106.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 213.800%#	
62) 4-Bromofluorobenzene	12.489	95	139	250.453	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 500.900%#	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.930	85	24	21.798	ug/l	# 43
3) Chloromethane	2.119	50	91	50.858	ug/l	# 43
4) Vinyl Chloride	2.260	62	100	49.957	ug/l	# 1
5) Bromomethane	2.644	94	29	20.264	ug/l	# 3
6) Chloroethane	2.808	64	94	72.343	ug/l	# 42
7) Trichlorofluoromethane	3.180	101	54	24.039	ug/l	# 20
8) Diethyl Ether	3.479	74	29	40.430	ug/l	# 8
9) 1,1,2-Trichlorotrifluo...	3.985	101	22	15.875	ug/l	# 19
10) Methyl Iodide	4.076	142	51	36.593	ug/l	# 42
11) Tert butyl alcohol	4.972	59	50	486.722	ug/l	# 1
12) 1,1-Dichloroethene	3.826	96	44	32.236	ug/l	# 1
13) Acrolein	3.741	56	21	205.289	ug/l	# 1
14) Allyl chloride	4.485	41	184	96.522	ug/l	# 34
15) Acrylonitrile	5.143	53	28	90.251	ug/l	# 21
16) Acetone	3.942	43	68	270.517	ug/l	# 36
17) Carbon Disulfide	4.223	76	71	18.627	ug/l	# 76
18) Methyl Acetate	4.473	43	34	51.030	ug/l	# 1
19) Methyl tert-butyl Ether	5.125	73	27	8.250	ug/l	# 1
20) Methylene Chloride	4.710	84	23	12.235	ug/l	# 64
21) trans-1,2-Dichloroethene	5.137	96	21	14.584	ug/l	# 1
22) Diisopropyl ether	6.112	45	63	15.903	ug/l	# 47
23) Vinyl Acetate	6.027	43	32	12.615	ug/l	# 67
24) 1,1-Dichloroethane	6.045	63	88	36.222	ug/l	# 80
25) 2-Butanone	7.015	43	19	47.697	ug/l	# 41
26) 2,2-Dichloropropane	6.899	77	19	9.047	ug/l	# 51
27) cis-1,2-Dichloroethene	7.064	96	58	34.279	ug/l	# 60
28) Bromochloromethane	7.344	49	24	29.087	ug/l	# 6
29) Tetrahydrofuran	7.332	42	118	450.050	ug/l	# 26
31) Cyclohexane	7.789	56	60	26.707	ug/l	# 11
32) 1,1,1-Trichloroethane	7.588	97	48	22.085	ug/l	# 19
36) 1,1-Dichloropropene	8.063	75	27	40.413	ug/l	# 10
37) Ethyl Acetate	7.051	43	181	566.330	ug/l	# 81
38) Carbon Tetrachloride	7.923	117	25	36.534	ug/l	# 13
39) Methylcyclohexane	8.911	83	20	21.459	ug/l	# 22
40) Benzene	8.191	78	54	26.514	ug/l	# 51
41) Methacrylonitrile	7.320	41	33	206.852	ug/l	# 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.222	62	28	57.153	ug/l #	71
43) Isopropyl Acetate	8.295	43	94	150.741	ug/l #	47
44) Trichloroethene	8.722	130	21	40.226	ug/l	3
45) 1,2-Dichloropropane	9.210	63	18	39.295	ug/l #	43
46) Dibromomethane	9.344	93	32	119.052	ug/l #	3
47) Bromodichloromethane	9.728	83	27	41.391	ug/l #	26
48) Methyl methacrylate	9.313	41	179	634.587	ug/l #	11
49) 1,4-Dioxane	9.149	88	23	6595.155	ug/l #	1
51) 4-Methyl-2-Pentanone	9.831	43	168	533.817	ug/l	93
52) Toluene	10.154	92	54	42.296	ug/l #	12
53) t-1,3-Dichloropropene	10.343	75	44	73.778	ug/l #	45
54) cis-1,3-Dichloropropene	9.941	75	38	52.000	ug/l #	1
55) 1,1,2-Trichloroethane	10.459	97	50	140.411	ug/l #	14
56) Ethyl methacrylate	10.429	69	20	40.946	ug/l #	1
57) 1,3-Dichloropropane	10.880	76	66	109.351	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.770	63	67	303.571	ug/l #	45
59) 2-Hexanone	10.746	43	73	337.100	ug/l	61
60) Dibromochloromethane	11.252	129	24	55.799	ug/l #	10
61) 1,2-Dibromoethane	10.862	107	19	57.826	ug/l #	2
65) Chlorobenzene	11.599	112	60	15.049	ug/l #	42
67) Ethyl Benzene	11.538	91	52	7.427	ug/l #	44
68) m/p-Xylenes	11.733	106	55	20.416	ug/l #	40
69) o-Xylene	12.014	106	23	9.047	ug/l	54
70) Styrene	12.026	104	23	5.473	ug/l #	27
73) Isopropylbenzene	12.392	105	21	12.145	ug/l #	48
74) N-amyl acetate	12.166	43	37	91.715	ug/l #	3
75) 1,1,2,2-Tetrachloroethane	12.624	83	41	139.155	ug/l #	26
76) 1,2,3-Trichloropropane	12.648	75	44	222.525	ug/l #	100
77) Bromobenzene	12.410	156	708	1869.448	ug/l #	1
78) n-propylbenzene	12.489	91	60	28.980	ug/l #	53
79) 2-Chlorotoluene	12.904	91	29	25.872	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.727	105	22	16.191	ug/l #	27
81) trans-1,4-Dichloro-2-b...	12.416	75	19	197.705	ug/l #	57
82) 4-Chlorotoluene	12.904	91	29	25.517	ug/l #	39
83) tert-Butylbenzene	13.075	119	26	20.700	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.209	105	46	34.422	ug/l #	30
85) sec-Butylbenzene	13.239	105	93	50.064	ug/l	92
86) p-Isopropyltoluene	13.501	119	23	15.137	ug/l #	51
89) n-Butylbenzene	13.715	91	44	30.815	ug/l #	80
90) Hexachloroethane	14.007	117	49	174.629	ug/l #	12
91) 1,2-Dichlorobenzene	13.946	146	19	29.362	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.355	75	46	1138.287	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.910	180	44	119.372	ug/l #	12
95) Naphthalene	15.154	128	21	28.973	ug/l #	69

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

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