

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020628.D
 Acq On : 18 Dec 2024 12:05
 Operator : SY/MD
 Sample : P5277-01
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1A

Quant Time: Dec 18 14:21:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	1573	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	354	203.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 406.580%#	
35) Dibromofluoromethane	7.628	113	129	21.842	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 43.680%#	
50) Toluene-d8	10.103	98	1053	50.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	12.408	95	1050	129.850	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 259.700%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	41	20.645	ug/l	# 41
3) Chloromethane	2.062	50	97	65.919	ug/l	# 41
4) Vinyl Chloride	2.428	62	22	16.063	ug/l	# 43
5) Bromomethane	2.617	94	65	73.831	ug/l	# 3
10) Methyl Iodide	4.001	142	39	17.053	ug/l	# 14
11) Tert butyl alcohol	4.842	59	167	Below Cal	#	75
14) Allyl chloride	4.360	41	46	13.171	ug/l	# 24
15) Acrylonitrile	5.068	53	49	101.909	ug/l	# 1
16) Acetone	3.873	43	1627	4820.653	ug/l	98
17) Carbon Disulfide	4.104	76	132	20.346	ug/l	# 75
18) Methyl Acetate	4.110	43	124	104.659	ug/l	# 51
19) Methyl tert-butyl Ether	5.141	73	30	5.832	ug/l	# 52
20) Methylene Chloride	4.616	84	2395	1106.171	ug/l	92
23) Vinyl Acetate	5.964	43	173	43.088	ug/l	# 73
25) 2-Butanone	6.890	43	439	678.352	ug/l	# 49
26) 2,2-Dichloropropane	6.872	77	399	101.631	ug/l	# 54
27) cis-1,2-Dichloroethene	6.903	96	45	17.494	ug/l	# 1
28) Bromochloromethane	7.439	49	149	106.366	ug/l	# 15
29) Tetrahydrofuran	7.268	42	282	690.268	ug/l	# 49
30) Chloroform	7.421	83	1859	492.672	ug/l	92
36) 1,1-Dichloropropene	7.829	75	44	4.086	ug/l	# 42
37) Ethyl Acetate	6.988	43	198	39.087	ug/l	# 69
38) Carbon Tetrachloride	8.037	117	172	14.436	ug/l	# 11
40) Benzene	8.067	78	328	10.391	ug/l	# 50
41) Methacrylonitrile	7.183	41	26	9.708	ug/l	# 19
43) Isopropyl Acetate	8.030	43	614	64.023	ug/l	# 17
47) Bromodichloromethane	9.427	83	21	1.994	ug/l	# 24
48) Methyl methacrylate	9.231	41	44	9.651	ug/l	# 14
51) 4-Methyl-2-Pentanone	9.993	43	562	111.021	ug/l	# 72
52) Toluene	10.176	92	247	12.591	ug/l	84
53) t-1,3-Dichloropropene	10.390	75	74	7.541	ug/l	# 43
54) cis-1,3-Dichloropropene	9.853	75	92	7.911	ug/l	# 36
55) 1,1,2-Trichloroethane	10.500	97	64	12.415	ug/l	# 14
56) Ethyl methacrylate	10.311	69	19	2.541	ug/l	# 1
57) 1,3-Dichloropropane	10.871	76	23	2.503	ug/l	# 42
59) 2-Hexanone	10.762	43	234	71.998	ug/l	# 24

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

60) Dibromochloromethane	10.646	129	53	7.688	ug/l #	11
61) 1,2-Dibromoethane	11.024	107	21	4.380	ug/l #	3
65) Chlorobenzene	11.444	112	361	8.472	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.243	131	79	5.422	ug/l #	1
67) Ethyl Benzene	11.518	91	541	6.882	ug/l #	45
68) m/p-Xylenes	11.627	106	440	15.053	ug/l	86
69) o-Xylene	11.950	106	239	8.763	ug/l	94
70) Styrene	11.975	104	463	10.161	ug/l	92
73) Isopropylbenzene	12.255	105	452	3.293	ug/l #	49
74) N-amyl acetate	12.079	43	214	6.661	ug/l #	61
76) 1,2,3-Trichloropropane	12.560	75	158	9.669	ug/l #	100
77) Bromobenzene	12.536	156	191	6.388	ug/l	84
78) n-propylbenzene	12.597	91	684	4.136	ug/l	88
79) 2-Chlorotoluene	12.780	91	576	6.190	ug/l	84
80) 1,3,5-Trimethylbenzene	12.737	105	497	4.462	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.402	75	614	78.873	ug/l #	12
82) 4-Chlorotoluene	12.780	91	576	5.967	ug/l	84
83) tert-Butylbenzene	13.005	119	483	4.788	ug/l	90
84) 1,2,4-Trimethylbenzene	13.042	105	553	5.062	ug/l	100
85) sec-Butylbenzene	13.176	105	683	4.657	ug/l #	77
86) p-Isopropyltoluene	13.292	119	611	5.053	ug/l	90
87) 1,3-Dichlorobenzene	13.292	146	677	11.470	ug/l	85
88) 1,4-Dichlorobenzene	13.365	146	661	11.307	ug/l	81
89) n-Butylbenzene	13.621	91	813	7.094	ug/l	94
90) Hexachloroethane	13.877	117	90	3.756	ug/l	98
91) 1,2-Dichlorobenzene	13.664	146	580	11.341	ug/l	87
93) 1,2,4-Trichlorobenzene	14.926	180	803	25.958	ug/l	92
94) Hexachlorobutadiene	15.029	225	373	18.445	ug/l	77
95) Naphthalene	15.145	128	1466	27.643	ug/l	96
96) 1,2,3-Trichlorobenzene	15.340	180	741	28.351	ug/l	94

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

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