

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018532.D
 Acq On : 07 Jun 2024 17:19
 Operator : SY/MD
 Sample : P2707-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01

Quant Time: Jun 07 23:16:58 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	78	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	80	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.088	65	69	45.045	ug/l	-0.05
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.100%
35) Dibromofluoromethane	7.728	113	150	65.354	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	130.700%
50) Toluene-d8	10.179	98	339	37.127	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.260%
62) 4-Bromofluorobenzene	12.520	95	25	8.794	ug/l	0.04
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.580%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.101	85	49	39.555	ug/l	# 43
3) Chloromethane	2.083	50	19	8.224	ug/l	# 43
4) Vinyl Chloride	2.229	62	27	9.771	ug/l	# 42
5) Bromomethane	2.589	94	26	14.103	ug/l	# 3
6) Chloroethane	2.765	64	39	22.354	ug/l	# 42
7) Trichlorofluoromethane	3.345	101	45	15.739	ug/l	# 20
8) Diethyl Ether	3.619	74	19	22.086	ug/l	# 81
9) 1,1,2-Trichlorotrifluo...	3.887	101	19	11.413	ug/l	# 1
10) Methyl Iodide	3.936	142	19	11.619	ug/l	# 42
11) Tert butyl alcohol	4.899	59	19	60.855	ug/l	# 88
12) 1,1-Dichloroethene	3.729	96	19	11.611	ug/l	# 1
13) Acrolein	3.704	56	60	382.672	ug/l	# 51
14) Allyl chloride	4.460	41	73	30.461	ug/l	# 19
15) Acrylonitrile	5.155	53	20	50.838	ug/l	# 1
16) Acetone	3.924	43	104	305.898	ug/l	# 36
17) Carbon Disulfide	4.186	76	65	13.541	ug/l	# 1
18) Methyl Acetate	4.454	43	272	319.935	ug/l	# 46
19) Methyl tert-butyl Ether	5.149	73	56	14.200	ug/l	# 54
20) Methylene Chloride	4.698	84	20	7.699	ug/l	# 46
21) trans-1,2-Dichloroethene	5.234	96	45	25.770	ug/l	# 1
22) Diisopropyl ether	6.112	45	65	13.318	ug/l	# 67
23) Vinyl Acetate	6.064	43	22	6.926	ug/l	# 67
24) 1,1-Dichloroethane	6.057	63	46	15.111	ug/l	# 80
25) 2-Butanone	6.941	43	145	278.398	ug/l	# 60
26) 2,2-Dichloropropane	6.917	77	23	8.597	ug/l	# 1
27) cis-1,2-Dichloroethene	6.826	96	21	10.338	ug/l	# 1
28) Bromochloromethane	7.356	49	26	18.560	ug/l	# 6
29) Tetrahydrofuran	7.326	42	163	481.892	ug/l	# 51
30) Chloroform	7.576	83	22	7.206	ug/l	# 17
31) Cyclohexane	7.771	56	69	24.159	ug/l	# 11
32) 1,1,1-Trichloroethane	7.728	97	31	11.593	ug/l	# 1
36) 1,1-Dichloropropene	7.960	75	23	6.572	ug/l	# 1
37) Ethyl Acetate	7.051	43	62	35.463	ug/l	# 67
39) Methylcyclohexane	9.130	83	25	5.284	ug/l	# 22
40) Benzene	8.149	78	77	7.343	ug/l	# 51
41) Methacrylonitrile	7.319	41	50	58.796	ug/l	# 23

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.271	62	74	29.028	ug/l #	71
43) Isopropyl Acetate	8.283	43	41	12.542	ug/l #	47
44) Trichloroethene	9.191	130	35	13.469	ug/l	3
45) 1,2-Dichloropropane	9.118	63	20	8.340	ug/l #	43
46) Dibromomethane	9.301	93	19	13.819	ug/l #	3
47) Bromodichloromethane	9.362	83	45	13.635	ug/l #	53
48) Methyl methacrylate	9.325	41	103	68.482	ug/l #	7
49) 1,4-Dioxane	9.161	88	22	1218.487	ug/l #	1
51) 4-Methyl-2-Pentanone	10.075	43	30	17.673	ug/l #	1
52) Toluene	10.136	92	19	2.946	ug/l #	1
53) t-1,3-Dichloropropene	10.471	75	26	8.579	ug/l #	45
54) cis-1,3-Dichloropropene	10.008	75	76	20.366	ug/l #	40
55) 1,1,2-Trichloroethane	10.630	97	48	26.834	ug/l #	16
56) Ethyl methacrylate	10.618	69	81	32.179	ug/l #	1
57) 1,3-Dichloropropane	10.801	76	74	24.369	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.807	63	37	27.373	ug/l #	45
59) 2-Hexanone	10.813	43	21	17.902	ug/l #	1
60) Dibromochloromethane	11.093	129	45	20.592	ug/l #	10
61) 1,2-Dibromoethane	11.014	107	43	25.528	ug/l #	2
65) Chlorobenzene	11.575	112	33	9.619	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.672	131	41	36.959	ug/l #	8
67) Ethyl Benzene	11.599	91	22	3.523	ug/l #	44
68) m/p-Xylenes	11.666	106	23	9.782	ug/l #	1
69) o-Xylene	11.806	106	20	8.836	ug/l	72
70) Styrene	12.227	104	23	6.219	ug/l #	1
71) Bromoform	12.178	173	44	75.290	ug/l #	27

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

