

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008711.D
 Acq On : 16 Feb 2019 04:50
 Operator : SY/VA
 Sample : K1510-04
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-030-B

Quant Time: Feb 16 05:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	951	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.84	114	1209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.54	152	20	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	452	45.72	ug/l	0.00
Spiked Amount						
			Recovery	=	91.44%	
35) Dibromofluoromethane	7.89	113	485	64.61	ug/l	0.01
Spiked Amount						
			Recovery	=	129.22%	
50) Toluene-d8	10.34	98	1105	38.18	ug/l	0.01
Spiked Amount						
			Recovery	=	76.36%	
62) 4-Bromofluorobenzene	12.43	95	72	6.61	ug/l	-0.19
Spiked Amount						
			Recovery	=	13.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.95	85	23	3.776	ug/l #	44
3) Chloromethane	2.22	50	225	25.624	ug/l #	42
4) Vinyl Chloride	2.24	62	41	3.555	ug/l #	43
5) Bromomethane	2.82	94	72	7.889	ug/l #	2
6) Chloroethane	2.91	64	59	6.874	ug/l #	42
7) Trichlorofluoromethane	3.24	101	53	5.900	ug/l #	19
8) Diethyl Ether	3.43	74	99	18.467	ug/l	55
9) 1,1,2-Trichlorotrifluoroet	3.99	101	77	8.111	ug/l #	17
10) Methyl Iodide	4.24	142	50	3.374	ug/l #	40
11) Tert butyl alcohol	5.19	59	22	27.811	ug/l #	1
12) 1,1-Dichloroethene	4.02	96	75	8.078	ug/l #	1
13) Acrolein	3.89	56	60	73.619	ug/l #	64
14) Allyl chloride	4.65	41	236	15.300	ug/l #	71
15) Acrylonitrile	5.37	53	100	44.318	ug/l #	46
16) Acetone	4.09	43	226	100.452	ug/l #	45
17) Carbon Disulfide	4.51	76	31	1.106	ug/l #	75
18) Methyl Acetate	4.66	43	212	41.236	ug/l #	78
19) Methyl tert-butyl Ether	5.40	73	25	1.534	ug/l #	53
20) Methylene Chloride	4.90	84	59	Below Cal	#	1
21) trans-1,2-Dichloroethene	5.40	96	79	7.770	ug/l #	1
22) Diisopropyl ether	6.32	45	147	4.735	ug/l #	1
23) Vinyl Acetate	6.27	43	142	7.047	ug/l #	73
24) 1,1-Dichloroethane	6.23	63	19	1.061	ug/l #	82
25) 2-Butanone	7.17	43	132	41.550	ug/l #	51
26) 2,2-Dichloropropane	7.22	77	50	4.468	ug/l #	52
27) cis-1,2-Dichloroethene	7.08	96	19	1.728	ug/l	73
28) Bromochloromethane	7.52	49	49	6.479	ug/l #	14
29) Tetrahydrofuran	7.54	42	117	55.876	ug/l #	67
30) Chloroform	7.66	83	48	2.674	ug/l #	19
31) Cyclohexane	8.00	56	25	1.383	ug/l #	17
32) 1,1,1-Trichloroethane	7.87	97	60	3.958	ug/l #	23
36) 1,1-Dichloropropene	8.09	75	19	1.564	ug/l #	1
37) Ethyl Acetate	7.25	43	100	17.067	ug/l #	33
38) Carbon Tetrachloride	8.12	117	43	3.560	ug/l #	13

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008711.D
 Acq On : 16 Feb 2019 04:50
 Operator : SY/VA
 Sample : K1510-04
 Misc : 6.32G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-030-B

Quant Time: Feb 16 05:37:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	56	3.645	ug/l #	59
40) Benzene	8.32	78	71	2.140	ug/l #	51
41) Methacrylonitrile	7.48	41	133	40.344	ug/l #	69
42) 1,2-Dichloroethane	8.40	62	59	5.734	ug/l #	75
43) Isopropyl Acetate	8.45	43	101	8.645	ug/l #	57
44) Trichloroethene	8.90	130	27	2.935	ug/l	1
45) 1,2-Dichloropropane	9.37	63	58	7.065	ug/l #	43
46) Dibromomethane	9.48	93	26	5.749	ug/l #	3
47) Bromodichloromethane	9.60	83	23	2.116	ug/l #	25
48) Methyl methacrylate	9.43	41	115	21.239	ug/l #	1
49) 1,4-Dioxane	9.48	88	32	443.278	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	214	35.657	ug/l #	81
52) Toluene	10.25	92	38	1.776	ug/l	78
53) t-1,3-Dichloropropene	10.69	75	135	11.823	ug/l #	43
54) cis-1,3-Dichloropropene	10.00	75	91	7.031	ug/l #	1
55) 1,1,2-Trichloroethane	10.88	97	23	3.706	ug/l #	55
56) Ethyl methacrylate	10.65	69	68	8.253	ug/l #	1
57) 1,3-Dichloropropane	10.93	76	158	14.351	ug/l #	85
58) 2-Chloroethyl Vinyl ether	9.95	63	31	7.843	ug/l #	45
59) 2-Hexanone	11.09	43	86	20.398	ug/l	78
60) Dibromochloromethane	10.96	129	43	5.791	ug/l	62
61) 1,2-Dibromoethane	11.04	107	82	13.421	ug/l #	3
64) Tetrachloroethene	11.05	164	20	3.466	ug/l #	1
65) Chlorobenzene	11.64	112	20	1.196	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.73	131	23	3.882	ug/l #	1
67) Ethyl Benzene	11.75	91	138	4.632	ug/l #	44
68) m/p-Xylenes	11.60	106	38	3.278	ug/l #	1
69) o-Xylene	12.19	106	49	4.472	ug/l	93
70) Styrene	12.20	104	129	7.208	ug/l #	44
71) Bromoform	12.37	173	85	26.625	ug/l #	28
73) Isopropylbenzene	12.46	105	130	87.262	ug/l #	49
74) N-amyl acetate	12.26	43	210	521.275	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.67	83	94	362.656	ug/l #	1
76) 1,2,3-Trichloropropane	12.76	75	50	253.177	ug/l #	100
77) Bromobenzene	12.88	156	1684	4917.493	ug/l #	1
78) n-propylbenzene	12.71	91	77	43.500	ug/l	85
79) 2-Chlorotoluene	12.84	91	390	389.840	ug/l	90
80) 1,3,5-Trimethylbenzene	12.68	105	136	109.907	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.49	75	82	871.842	ug/l #	3
82) 4-Chlorotoluene	12.99	91	113	106.583	ug/l	72
83) tert-Butylbenzene	12.97	119	169	157.287	ug/l	76
84) 1,2,4-Trimethylbenzene	13.25	105	81	63.689	ug/l #	30
85) sec-Butylbenzene	13.47	105	199	127.198	ug/l	81
86) p-Isopropyltoluene	13.47	119	123	87.882	ug/l #	9
87) 1,3-Dichlorobenzene	13.45	146	25	36.012	ug/l #	27
88) 1,4-Dichlorobenzene	13.45	146	25	36.540	ug/l #	27
89) n-Butylbenzene	13.82	91	153	115.036	ug/l #	33
90) Hexachloroethane	14.11	117	43	175.853	ug/l #	11
91) 1,2-Dichlorobenzene	13.88	146	19	30.891	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	14.49	75	58	1287.687	ug/l #	2

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
Data File : VW008711.D
Acq On : 16 Feb 2019 04:50
Operator : SY/VA
Sample : K1510-04
Misc : 6.32G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
FK-GF-02-030-B

Quant Time: Feb 16 05:37:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.38	128	174	221.764	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.61	180	22	58.556	ug/l #	1

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

