

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010054.D
 Acq On : 18 Apr 2019 19:19
 Operator : SY/VA
 Sample : K2436-02
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-GF-02-038-A

Quant Time: Apr 19 01:57:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 11:26:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	1406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1317	75.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	151.80%	
35) Dibromofluoromethane	7.88	113	791	68.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.12%	
50) Toluene-d8	10.32	98	1992	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.63	95	102	6.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	12.88%	

Target Compounds

						Qvalue
3) Chloromethane	2.21	50	202	18.842	ug/l #	43
4) Vinyl Chloride	2.40	62	37	2.969	ug/l #	42
5) Bromomethane	2.70	94	30	3.582	ug/l #	3
6) Chloroethane	2.88	64	22	2.702	ug/l #	45
7) Trichlorofluoromethane	3.21	101	22	2.553	ug/l #	19
8) Diethyl Ether	3.43	74	56	7.813	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.96	101	46	3.173	ug/l #	19
10) Methyl Iodide	4.05	142	52	2.595	ug/l #	38
11) Tert butyl alcohol	5.14	59	149	150.761	ug/l #	71
12) 1,1-Dichloroethene	4.01	96	122	8.777	ug/l #	1
13) Acrolein	3.87	56	20	19.236	ug/l #	17
14) Allyl chloride	4.66	41	165	6.677	ug/l #	21
15) Acrylonitrile	5.38	53	20	5.422	ug/l #	17
16) Acetone	4.11	43	1092	271.254	ug/l #	83
17) Carbon Disulfide	4.38	76	63	2.804	ug/l #	74
18) Methyl Acetate	4.68	43	1074	115.271	ug/l #	83
19) Methyl tert-butyl Ether	5.48	73	72	3.988	ug/l #	52
20) Methylene Chloride	4.90	84	154	6.055	ug/l #	63
21) trans-1,2-Dichloroethene	5.37	96	33	2.192	ug/l #	1
22) Diisopropyl ether	6.26	45	116	2.314	ug/l #	36
23) Vinyl Acetate	6.23	43	82	2.599	ug/l #	76
25) 2-Butanone	7.18	43	42	7.942	ug/l #	51
26) 2,2-Dichloropropane	7.12	77	58	3.499	ug/l #	53
27) cis-1,2-Dichloroethene	7.18	96	19	1.148	ug/l #	1
28) Bromochloromethane	7.53	49	63	5.145	ug/l #	18
29) Tetrahydrofuran	7.51	42	83	24.770	ug/l #	63
31) Cyclohexane	7.96	56	110	3.920	ug/l #	18
36) 1,1-Dichloropropene	7.97	75	50	2.678	ug/l #	58
37) Ethyl Acetate	7.25	43	24	2.529	ug/l #	71
38) Carbon Tetrachloride	7.95	117	245	13.444	ug/l #	13
39) Methylcyclohexane	9.31	83	40	2.916	ug/l #	15
41) Methacrylonitrile	7.46	41	23	4.253	ug/l #	1
42) 1,2-Dichloroethane	8.16	62	98	5.585	ug/l #	77
43) Isopropyl Acetate	8.41	43	145	8.155	ug/l #	53

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,2-Dichloropropane	9.41	63	19	1.416	ug/l #	45
48) Methyl methacrylate	9.43	41	212	24.494	ug/l #	41
49) 1,4-Dioxane	9.43	88	23	216.408	ug/l #	1
51) 4-Methyl-2-Pentanone	10.01	43	89	9.557	ug/l	94
52) Toluene	10.60	92	60	1.887	ug/l #	1
53) t-1,3-Dichloropropene	10.47	75	54	3.033	ug/l #	41
54) cis-1,3-Dichloropropene	10.06	75	55	2.706	ug/l #	61
55) 1,1,2-Trichloroethane	10.75	97	19	1.957	ug/l #	15
56) Ethyl methacrylate	10.64	69	36	5.171	ug/l #	1
57) 1,3-Dichloropropane	10.88	76	19	1.092	ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.99	63	20	3.598	ug/l #	48
59) 2-Hexanone	10.98	43	132	20.362	ug/l	73
67) Ethyl Benzene	11.73	91	67	1.476	ug/l #	45
68) m/p-Xylenes	11.76	106	26	1.532	ug/l #	1
70) Styrene	12.42	104	44	1.652	ug/l #	59
74) N-ethyl acetate	12.28	43	56	15.133	ug/l #	38
76) 1,2,3-Trichloropropane	12.64	75	230	119.690	ug/l #	100
78) n-propylbenzene	12.83	91	24	1.449	ug/l #	54
79) 2-Chlorotoluene	12.86	91	19	1.995	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.64	75	230	282.224	ug/l #	10
82) 4-Chlorotoluene	12.99	91	20	1.995	ug/l #	42
85) sec-Butylbenzene	13.60	105	45	3.209	ug/l #	57
86) p-Isopropyltoluene	13.65	119	21	1.699	ug/l #	50
87) 1,3-Dichlorobenzene	13.49	146	20	3.219	ug/l #	1
88) 1,4-Dichlorobenzene	13.49	146	20	3.225	ug/l #	1
91) 1,2-Dichlorobenzene	13.87	146	19	3.411	ug/l #	24
92) 1,2-Dibromo-3-Chloropropan	14.58	75	58	122.762	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.04	180	23	6.259	ug/l #	13
95) Naphthalene	15.46	128	32	6.794	ug/l #	69

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

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