

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031119\
 Data File : VW009110.D
 Acq On : 12 Mar 2019 03:31
 Operator : SY/VA
 Sample : K1847-04
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-7B-G-4-031119

Quant Time: Mar 12 08:18:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.56

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	814	51.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.74%	
35) Dibromofluoromethane	7.88	113	470	40.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	81.06%	
50) Toluene-d8	10.32	98	1075	22.57	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	45.14%	
62) 4-Bromofluorobenzene	12.62	95	382	20.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	40.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.06	85	25	1.575	ug/l #	42
3) Chloromethane	2.21	50	390	19.341	ug/l #	88
5) Bromomethane	2.77	94	76	4.400	ug/l #	3
6) Chloroethane	2.93	64	43	2.952	ug/l #	43
7) Trichlorofluoromethane	3.31	101	36	1.366	ug/l #	19
8) Diethyl Ether	3.70	74	52	6.455	ug/l	69
10) Methyl Iodide	4.36	142	41	5.344	ug/l #	13
11) Tert butyl alcohol	5.14	59	56	46.118	ug/l #	24
12) 1,1-Dichloroethene	4.07	96	26	1.837	ug/l #	1
13) Acrolein	3.92	56	153	114.503	ug/l #	74
14) Allyl chloride	4.68	41	119	4.766	ug/l #	19
15) Acrylonitrile	5.38	53	30	8.532	ug/l #	16
16) Acetone	4.14	43	67	18.737	ug/l #	47
18) Methyl Acetate	4.62	43	41	4.986	ug/l #	1
19) Methyl tert-butyl Ether	5.39	73	95	2.537	ug/l #	54
20) Methylene Chloride	4.93	84	42	Below Cal	#	1
21) trans-1,2-Dichloroethene	5.43	96	130	7.954	ug/l #	1
22) Diisopropyl ether	6.31	45	129	2.600	ug/l #	35
23) Vinyl Acetate	6.25	43	60	1.943	ug/l #	74
24) 1,1-Dichloroethane	6.22	63	45	1.564	ug/l #	83
25) 2-Butanone	7.18	43	105	21.247	ug/l #	50
26) 2,2-Dichloropropane	7.14	77	44	1.682	ug/l #	1
27) cis-1,2-Dichloroethene	7.16	96	30	1.709	ug/l #	1
28) Bromochloromethane	7.46	49	89	7.435	ug/l #	14
29) Tetrahydrofuran	7.74	42	140	44.955	ug/l	91
30) Chloroform	7.51	83	48	1.620	ug/l #	17
31) Cyclohexane	7.95	56	79	2.673	ug/l #	16
32) 1,1,1-Trichloroethane	7.91	97	28	1.024	ug/l #	1
36) 1,1-Dichloropropene	8.08	75	24	1.192	ug/l #	1
37) Ethyl Acetate	7.23	43	93	9.832	ug/l #	71
38) Carbon Tetrachloride	8.15	117	42	2.019	ug/l #	13
39) Methylcyclohexane	9.31	83	32	1.334	ug/l #	17
41) Methacrylonitrile	7.46	41	85	16.182	ug/l #	1
42) 1,2-Dichloroethane	8.44	62	93	5.359	ug/l #	76

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

43) Isopropyl Acetate	8.46	43	203	11.522	ug/l #	67
45) 1,2-Dichloropropane	9.29	63	21	1.560	ug/l #	44
46) Dibromomethane	9.42	93	26	3.536	ug/l #	3
47) Bromodichloromethane	9.74	83	46	2.471	ug/l #	26
48) Methyl methacrylate	9.45	41	95	11.581	ug/l #	1
49) 1,4-Dioxane	9.66	88	19	180.439	ug/l #	1
51) 4-Methyl-2-Pentanone	10.13	43	148	16.547	ug/l	99
52) Toluene	10.38	92	80	2.194	ug/l #	1
53) t-1,3-Dichloropropene	10.56	75	22	1.195	ug/l #	45
55) 1,1,2-Trichloroethane	10.79	97	22	2.207	ug/l #	16
56) Ethyl methacrylate	10.66	69	42	3.395	ug/l #	1
57) 1,3-Dichloropropane	10.96	76	71	4.021	ug/l #	39
58) 2-Chloroethyl Vinyl ether	9.97	63	46	7.174	ug/l #	46
59) 2-Hexanone	11.01	43	90	14.312	ug/l	98
60) Dibromochloromethane	11.25	129	20	1.622	ug/l #	11
61) 1,2-Dibromoethane	11.29	107	48	4.913	ug/l #	3
65) Chlorobenzene	11.67	112	32	1.476	ug/l #	41
67) Ethyl Benzene	11.83	91	53	1.353	ug/l #	43
68) m/p-Xylenes	11.83	106	20	1.294	ug/l #	60
69) o-Xylene	12.17	106	42	2.920	ug/l	96
71) Bromoform	12.29	173	30	7.719	ug/l #	28

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

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