

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009243.D
 Acq On : 19 Mar 2019 16:06
 Operator : SY/VA
 Sample : K1861-01
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF-06-031119

Quant Time: Mar 20 07:31:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	938	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	1062	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.65	117	365	50.00	ug/l	0.01
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	447	44.80	ug/l	0.00
Spiked Amount						
			Recovery	=	89.60%	
35) Dibromofluoromethane	7.88	113	346	51.36	ug/l	0.00
Spiked Amount						
			Recovery	=	102.72%	
50) Toluene-d8	10.32	98	1052	42.97	ug/l	0.00
Spiked Amount						
			Recovery	=	85.94%	
62) 4-Bromofluorobenzene	12.63	95	98	10.90	ug/l	0.00
Spiked Amount						
			Recovery	=	21.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.13	85	25	1.524	ug/l #	41
3) Chloromethane	2.22	50	203	29.855	ug/l	92
4) Vinyl Chloride	2.49	62	35	3.507	ug/l #	42
5) Bromomethane	2.64	94	58	7.127	ug/l #	5
6) Chloroethane	2.87	64	22	2.841	ug/l #	1
7) Trichlorofluoromethane	3.25	101	20	3.059	ug/l #	19
8) Diethyl Ether	3.62	74	65	13.786	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	4.28	101	27	2.851	ug/l #	18
10) Methyl Iodide	4.31	142	20	1.465	ug/l #	39
11) Tert butyl alcohol	5.20	59	64	110.491	ug/l #	70
12) 1,1-Dichloroethene	4.06	96	22	2.458	ug/l #	1
13) Acrolein	3.92	56	25	52.877	ug/l #	1
14) Allyl chloride	4.65	41	108	8.184	ug/l #	1
15) Acrylonitrile	5.42	53	97	48.954	ug/l #	33
16) Acetone	4.11	43	364	177.822	ug/l #	45
18) Methyl Acetate	4.68	43	87	16.560	ug/l #	54
19) Methyl tert-butyl Ether	5.40	73	49	4.460	ug/l #	55
20) Methylene Chloride	4.79	84	78	6.795	ug/l #	6
21) trans-1,2-Dichloroethene	5.32	96	29	3.149	ug/l #	1
22) Diisopropyl ether	6.34	45	29	1.019	ug/l #	34
23) Vinyl Acetate	6.26	43	31	1.737	ug/l #	74
24) 1,1-Dichloroethane	6.16	63	21	1.196	ug/l #	81
25) 2-Butanone	7.18	43	120	40.912	ug/l #	50
26) 2,2-Dichloropropane	7.03	77	80	8.154	ug/l #	52
27) cis-1,2-Dichloroethene	7.26	96	54	5.412	ug/l #	35
28) Bromochloromethane	7.51	49	41	5.324	ug/l #	14
29) Tetrahydrofuran	7.53	42	138	74.020	ug/l #	47
30) Chloroform	7.73	83	61	3.339	ug/l #	18
31) Cyclohexane	7.97	56	44	2.688	ug/l #	16
32) 1,1,1-Trichloroethane	7.91	97	23	1.577	ug/l #	23
36) 1,1-Dichloropropene	8.09	75	50	4.731	ug/l #	42
37) Ethyl Acetate	7.26	43	30	6.221	ug/l #	1
38) Carbon Tetrachloride	8.06	117	20	1.788	ug/l #	13
39) Methylcyclohexane	9.21	83	58	4.744	ug/l #	18

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

41) Methacrylonitrile	7.51	41	98	37.706	ug/l #	12
42) 1,2-Dichloroethane	8.36	62	22	2.348	ug/l #	76
43) Isopropyl Acetate	8.44	43	182	18.848	ug/l #	54
44) Trichloroethene	9.20	130	24	3.057	ug/l	2
45) 1,2-Dichloropropane	9.38	63	35	4.804	ug/l #	42
46) Dibromomethane	9.50	93	26	6.490	ug/l #	3
47) Bromodichloromethane	9.74	83	19	1.877	ug/l #	24
48) Methyl methacrylate	9.44	41	61	13.645	ug/l #	1
49) 1,4-Dioxane	9.30	88	21	337.962	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	42	8.346	ug/l #	1
52) Toluene	10.40	92	35	1.927	ug/l #	1
53) t-1,3-Dichloropropene	10.59	75	25	2.532	ug/l #	44
54) cis-1,3-Dichloropropene	10.17	75	29	2.611	ug/l #	72
55) 1,1,2-Trichloroethane	10.79	97	58	10.692	ug/l #	17
56) Ethyl methacrylate	10.64	69	31	4.799	ug/l #	1
57) 1,3-Dichloropropane	10.93	76	19	2.031	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.98	63	20	10.582	ug/l #	1
59) 2-Hexanone	11.01	43	64	18.732	ug/l	79
60) Dibromochloromethane	11.12	129	22	3.283	ug/l #	11
61) 1,2-Dibromoethane	10.99	107	21	4.065	ug/l #	3
64) Tetrachloroethene	11.13	164	97	38.805	ug/l #	1
65) Chlorobenzene	11.58	112	22	2.914	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.54	131	73	25.890	ug/l #	9
67) Ethyl Benzene	11.73	91	62	4.742	ug/l #	44
68) m/p-Xylenes	11.85	106	22	4.341	ug/l #	1
69) o-Xylene	12.21	106	40	8.500	ug/l #	1
70) Styrene	12.22	104	54	6.960	ug/l #	24
71) Bromoform	12.34	173	47	30.518	ug/l #	29

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

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