

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063711.D
 Acq On : 21 Aug 2019 14:25
 Operator : JC/SY
 Sample : K4421-06
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-5-9.2-9.7

Quant Time: Aug 22 01:26:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	24720	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	49436	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	51111	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	24119	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	50707	191.90	ug/l	-0.02
Spiked Amount			Recovery	=	383.80%	
35) Dibromofluoromethane	6.91	113	37452	89.95	ug/l	-0.02
Spiked Amount			Recovery	=	179.90%	
50) Toluene-d8	10.41	98	49684	54.28	ug/l	-0.01
Spiked Amount			Recovery	=	108.56%	
62) 4-Bromofluorobenzene	13.56	95	27400	66.04	ug/l	0.00
Spiked Amount			Recovery	=	132.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	418	1.789	ug/l #	41
5) Bromomethane	2.16	94	1549	14.152	ug/l #	11
6) Chloroethane	2.21	64	182	1.716	ug/l #	1
8) Diethyl Ether	2.87	74	198	3.082	ug/l #	5
10) Methyl Iodide	3.29	142	851	2.239	ug/l #	29
12) 1,1-Dichloroethene	3.10	96	440	2.203	ug/l #	1
13) Acrolein	3.01	56	183	16.163	ug/l #	18
15) Acrylonitrile	4.20	53	246	8.074	ug/l #	11
16) Acetone	3.20	43	13200	245.744	ug/l #	91
18) Methyl Acetate	3.61	43	177	1.740	ug/l #	57
20) Methylene Chloride	3.81	84	564	2.428	ug/l #	61
21) trans-1,2-Dichloroethene	4.24	96	231	1.099	ug/l #	1
25) 2-Butanone	6.08	43	3612	68.087	ug/l #	58
27) cis-1,2-Dichloroethene	6.04	96	288	1.252	ug/l	1
29) Tetrahydrofuran	6.29	42	184	7.443	ug/l #	35
30) Chloroform	6.65	83	517	1.082	ug/l #	16
36) 1,1-Dichloropropene	7.07	75	599	1.371	ug/l #	42
37) Ethyl Acetate	6.17	43	489	2.670	ug/l #	73
38) Carbon Tetrachloride	7.03	117	2238	3.398	ug/l #	13
45) 1,2-Dichloropropane	9.01	63	385	1.719	ug/l #	47
48) Methyl methacrylate	9.00	41	214	1.287	ug/l #	18
49) 1,4-Dioxane	9.04	88	183	144.896	ug/l #	1
51) 4-Methyl-2-Pentanone	10.29	43	295	1.758	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.87	63	338	2.819	ug/l #	49
59) 2-Hexanone	11.49	43	182	1.490	ug/l #	30
79) 2-Chlorotoluene	13.95	91	1604	1.550	ug/l	91
81) trans-1,4-Dichloro-2-buten	13.56	75	13659	183.593	ug/l #	1
82) 4-Chlorotoluene	13.95	91	1604	1.289	ug/l	92
89) n-Butylbenzene	14.80	91	1353	1.034	ug/l #	56
90) Hexachloroethane	15.04	117	419	1.163	ug/l #	12
91) 1,2-Dichlorobenzene	14.81	146	815	1.267	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	2875	6.072	ug/l #	55
95) Naphthalene	16.13	128	5934	8.270	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	1661	4.344	ug/l #	1

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

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

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