

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\
 Data File : VD063709.D
 Acq On : 21 Aug 2019 13:29
 Operator : JC/SY
 Sample : K4421-02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUNSET-PARK-SB-7-9-10

Quant Time: Aug 22 09:16:31 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	40666	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	62532	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	63967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	32879	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	62359	143.46	ug/l	-0.03
Spiked Amount			Recovery	=	286.92%	
35) Dibromofluoromethane	6.92	113	55116	104.65	ug/l	-0.02
Spiked Amount			Recovery	=	209.30%	
50) Toluene-d8	10.41	98	73951	63.87	ug/l	0.00
Spiked Amount			Recovery	=	127.74%	
62) 4-Bromofluorobenzene	13.55	95	37017	70.54	ug/l	0.00
Spiked Amount			Recovery	=	141.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	1306	3.398	ug/l #	41
5) Bromomethane	2.14	94	1005	5.582	ug/l #	11
6) Chloroethane	2.27	64	276	1.582	ug/l #	3
8) Diethyl Ether	2.82	74	332	3.142	ug/l	62
10) Methyl Iodide	3.31	142	1241	1.984	ug/l #	40
12) 1,1-Dichloroethene	3.10	96	380	1.156	ug/l #	1
13) Acrolein	2.99	56	298	15.999	ug/l	94
15) Acrylonitrile	4.20	53	461	9.198	ug/l #	13
16) Acetone	3.23	43	2733	30.929	ug/l #	65
18) Methyl Acetate	3.65	43	640	3.824	ug/l #	57
20) Methylene Chloride	3.81	84	1697	4.441	ug/l #	84
23) Vinyl Acetate	5.08	43	776	1.309	ug/l #	82
25) 2-Butanone	6.06	43	230	2.635	ug/l #	58
29) Tetrahydrofuran	6.48	42	576	14.164	ug/l #	35
30) Chloroform	6.65	83	1108	1.410	ug/l #	16
31) Cyclohexane	7.06	56	586	1.493	ug/l #	16
36) 1,1-Dichloropropene	7.05	75	2409	4.358	ug/l #	42
37) Ethyl Acetate	6.27	43	549	2.370	ug/l #	73
38) Carbon Tetrachloride	7.05	117	3159	3.792	ug/l #	13
51) 4-Methyl-2-Pentanone	10.31	43	332	1.564	ug/l #	40
58) 2-Chloroethyl Vinyl ether	9.85	63	1223	8.064	ug/l #	49
59) 2-Hexanone	11.55	43	179	1.159	ug/l #	30
67) Ethyl Benzene	12.66	91	2178	1.045	ug/l	96
68) m/p-Xylenes	12.67	106	909	1.241	ug/l #	65
71) Bromoform	13.21	173	416	1.150	ug/l #	38
81) trans-1,4-Dichloro-2-buten	13.55	75	14192	139.934	ug/l #	1
87) 1,3-Dichlorobenzene	14.54	146	1899	1.837	ug/l	74
88) 1,4-Dichlorobenzene	14.54	146	1899	1.915	ug/l	76
91) 1,2-Dichlorobenzene	14.80	146	1028	1.172	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.95	180	3105	4.811	ug/l	66
94) Hexachlorobutadiene	16.04	225	780	1.586	ug/l #	67
95) Naphthalene	16.12	128	4934	5.044	ug/l #	85
96) 1,2,3-Trichlorobenzene	16.27	180	2291	4.395	ug/l #	83

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

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