

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063444.D
 Acq On : 8 Aug 2019 17:52
 Operator : JC/SY
 Sample : K4223-12
 Misc : 4.47g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-6

Quant Time: Aug 09 06:59:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	31045	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	47120	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	40067	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	17779	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	35688	103.60	ug/l	0.02
Spiked Amount			Recovery	=	207.20%	
35) Dibromofluoromethane	6.94	113	28632	71.17	ug/l	0.03
Spiked Amount			Recovery	=	142.34%	
50) Toluene-d8	10.42	98	47686	52.96	ug/l	0.02
Spiked Amount			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	13.56	95	16627	40.53	ug/l	0.00
Spiked Amount			Recovery	=	81.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	1007	6.542	ug/l #	12
6) Chloroethane	2.31	64	314	2.228	ug/l #	47
8) Diethyl Ether	2.85	74	200	2.413	ug/l	89
10) Methyl Iodide	3.32	142	810	1.709	ug/l #	27
11) Tert butyl alcohol	4.03	59	181	11.973	ug/l #	69
12) 1,1-Dichloroethene	3.00	96	449	1.865	ug/l #	1
13) Acrolein	2.91	56	190	13.059	ug/l #	15
14) Allyl chloride	3.51	41	687	1.791	ug/l #	11
16) Acetone	3.22	43	19892	296.378	ug/l #	91
18) Methyl Acetate	3.65	43	3028	23.487	ug/l #	60
20) Methylene Chloride	3.81	84	392	1.445	ug/l #	1
25) 2-Butanone	6.08	43	8208	121.857	ug/l #	78
29) Tetrahydrofuran	6.49	42	2058	64.534	ug/l #	60
31) Cyclohexane	7.07	56	380	1.238	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	3448	8.018	ug/l #	44
37) Ethyl Acetate	6.17	43	580	3.002	ug/l #	70
38) Carbon Tetrachloride	7.04	117	3108	4.801	ug/l #	11
41) Methacrylonitrile	6.47	41	813	3.518	ug/l #	40
45) 1,2-Dichloropropane	8.79	63	304	1.327	ug/l #	45
48) Methyl methacrylate	9.17	41	178	1.112	ug/l #	10
49) 1,4-Dioxane	9.42	88	193	138.800	ug/l #	22
51) 4-Methyl-2-Pentanone	10.33	43	234	1.394	ug/l #	42
56) Ethyl methacrylate	11.06	69	285	1.286	ug/l #	13
74) N-ethyl acetate	13.05	43	472	1.600	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.77	83	197	1.039	ug/l #	24
81) trans-1,4-Dichloro-2-buten	13.56	75	6964	117.440	ug/l #	3
86) p-Isopropyltoluene	14.50	119	2890	2.615	ug/l #	75
95) Naphthalene	16.13	128	2757	5.013	ug/l #	70
96) 1,2,3-Trichlorobenzene	16.26	180	397	1.292	ug/l #	12

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

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