

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067079.D
 Acq On : 05 Oct 2020 13:13
 Operator : VA/SY
 Sample : L4230-09
 Misc : 12.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2015

Quant Time: Oct 06 07:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	14030	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	20629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	22944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	11192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	9508	70.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.72%	
35) Dibromofluoromethane	7.92	113	5286	39.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.28%	
50) Toluene-d8	10.34	98	25004	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.63	95	12262	73.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.80%	

Target Compounds

						Qvalue
3) Chloromethane	2.20	50	581	5.200	ug/l #	43
5) Bromomethane	2.80	94	1479	17.681	ug/l	83
6) Chloroethane	2.93	64	80	1.173	ug/l #	41
10) Methyl Iodide	4.33	142	1046	7.652	ug/l #	42
16) Acetone	4.15	43	498	24.141	ug/l #	42
20) Methylene Chloride	4.95	84	1432	2.934	ug/l #	47
31) Cyclohexane	7.97	56	254	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.97	75	974	5.065	ug/l #	41
38) Carbon Tetrachloride	7.98	117	1672	8.037	ug/l #	11
39) Methylcyclohexane	9.37	83	243	1.195	ug/l #	65
41) Methacrylonitrile	7.57	41	53	1.473	ug/l #	100
46) Dibromomethane	9.41	93	143	1.983	ug/l #	4
48) Methyl methacrylate	9.44	41	553	8.796	ug/l #	21
51) 4-Methyl-2-Pentanone	10.21	43	227	3.714	ug/l #	33
56) Ethyl methacrylate	10.68	69	189	1.826	ug/l #	1
59) 2-Hexanone	10.98	43	167	4.093	ug/l #	23
60) Dibromochloromethane	11.16	129	139	1.040	ug/l #	12
61) 1,2-Dibromoethane	11.17	107	229	2.377	ug/l	88
68) m/p-Xylenes	11.85	106	428	1.405	ug/l #	70
69) o-Xylene	12.17	106	516	1.894	ug/l	58
71) Bromoform	12.34	173	410	4.550	ug/l #	28
74) N-amyl acetate	12.27	43	692	5.065	ug/l #	18
75) 1,1,2,2-Tetrachloroethane	12.73	83	318	2.484	ug/l #	5
76) 1,2,3-Trichloropropane	12.63	75	5287	54.233	ug/l #	100
78) n-propylbenzene	12.82	91	2539	2.827	ug/l	92
79) 2-Chlorotoluene	12.90	91	867	1.687	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.63	75	5287	135.211	ug/l #	16
82) 4-Chlorotoluene	13.01	91	1742	3.186	ug/l #	40
83) tert-Butylbenzene	13.33	119	618	1.143	ug/l	98
86) p-Isopropyltoluene	13.54	119	1562	2.213	ug/l #	71
89) n-Butylbenzene	13.98	91	719	1.114	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.50	75	71	3.440	ug/l #	1
95) Naphthalene	15.41	128	1306	3.878	ug/l #	73

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

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