

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063458.D
 Acq On : 9 Aug 2019 2:03
 Operator : JC/SY
 Sample : K4223-24
 Misc : 3.70g/5ml/MSVOA D/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-12

Quant Time: Aug 09 07:03:42 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	7.07	168	15541	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	25972	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	18338	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	7856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	12912	74.88	ug/l	0.02
Spiked Amount	50.000		Recovery	=	149.76%	
35) Dibromofluoromethane	6.93	113	6181	27.87	ug/l	0.02
Spiked Amount	50.000		Recovery	=	55.74%	
50) Toluene-d8	10.42	98	15529	31.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	62.58%	
62) 4-Bromofluorobenzene	13.56	95	8258	36.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.04%	

Target Compounds

						Qvalue
3) Chloromethane	1.75	50	697	4.722	ug/l #	46
4) Vinyl Chloride	1.86	62	194	1.270	ug/l #	45
5) Bromomethane	2.16	94	1571	20.387	ug/l #	12
6) Chloroethane	2.24	64	818	11.596	ug/l #	45
12) 1,1-Dichloroethene	3.10	96	307	2.547	ug/l #	1
13) Acrolein	3.05	56	272	37.347	ug/l #	1
14) Allyl chloride	3.45	41	645	3.359	ug/l #	11
16) Acetone	3.24	43	11147	331.771	ug/l	98
18) Methyl Acetate	3.65	43	609	9.436	ug/l #	60
20) Methylene Chloride	3.84	84	530	3.903	ug/l #	50
23) Vinyl Acetate	5.13	43	265	1.124	ug/l #	82
25) 2-Butanone	6.08	43	2866	84.997	ug/l #	56
29) Tetrahydrofuran	6.49	42	234	14.658	ug/l #	34
36) 1,1-Dichloropropene	7.07	75	1818	7.670	ug/l #	44
37) Ethyl Acetate	6.19	43	549	5.156	ug/l #	70
38) Carbon Tetrachloride	7.05	117	897	2.514	ug/l #	11
41) Methacrylonitrile	6.57	41	210	1.649	ug/l #	40
43) Isopropyl Acetate	9.28	43	180	1.323	ug/l #	49
46) Dibromomethane	8.92	93	193	1.838	ug/l #	1
51) 4-Methyl-2-Pentanone	10.30	43	436	4.713	ug/l #	42
52) Toluene	10.52	92	491	1.486	ug/l #	1
56) Ethyl methacrylate	11.07	69	190	1.555	ug/l #	13
59) 2-Hexanone	11.54	43	220	3.300	ug/l #	31
61) 1,2-Dibromoethane	11.84	107	193	1.402	ug/l #	1
64) Tetrachloroethene	11.26	164	196	1.342	ug/l #	1
74) N-amyl acetate	13.28	43	428	3.284	ug/l #	53
79) 2-Chlorotoluene	13.95	91	475	1.397	ug/l #	39
81) trans-1,4-Dichloro-2-buten	13.55	75	3503	133.692	ug/l #	3
82) 4-Chlorotoluene	13.95	91	475	1.187	ug/l #	41
84) 1,2,4-Trimethylbenzene	14.24	105	556	1.264	ug/l #	34
85) sec-Butylbenzene	14.24	105	556	1.087	ug/l #	61
86) p-Isopropyltoluene	14.50	119	2213	4.532	ug/l #	65
87) 1,3-Dichlorobenzene	14.46	146	343	1.379	ug/l #	40
88) 1,4-Dichlorobenzene	14.55	146	380	1.511	ug/l #	31

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	15.15	117	185	1.454	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.94	180	262	1.524	ug/l #	11
95) Naphthalene	16.13	128	2501	10.292	ug/l #	70

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

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