Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081319\
Data File : VD063556.D
Acq On : 14 Aug 2019 6:12
Operator : JC/SY
Sample : K4324-06
Misc : 6.21g/5ml/MSVOA_D/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : T8-E1-(4)

Quant Time: Aug 14 08:34:56 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	7.05	168	4764	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	10574	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	10193	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	3597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	8501	166.94	ug/l	-0.02
Spiked Amount 50.000			Recovery = 333.88%			
35) Dibromofluoromethane	6.92	113	4090	45.93	ug/l	-0.01
Spiked Amount 50.000			Recovery = 91.86%			
50) Toluene-d8	10.42	98	6979	35.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.30%			
62) 4-Bromofluorobenzene	13.56	95	3413	38.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.92%			
Target Compounds						Qvalue
3) Chloromethane	1.74	50	416	9.238	ug/l #	41
5) Bromomethane	2.14	94	1151	54.567	ug/l #	11
6) Chloroethane	2.20	64	187	9.148	ug/l #	1
10) Methyl Iodide	3.32	142	533	7.276	ug/l #	29
12) 1,1-Dichloroethene	3.08	96	210	5.455	ug/l #	1
13) Acrolein	3.10	56	207	94.866	ug/l #	18
14) Allyl chloride	3.64	41	287	4.959	ug/l #	8
16) Acetone	3.22	43	27939	2698.965	ug/l #	89
18) Methyl Acetate	3.62	43	952	48.553	ug/l #	57
21) trans-1,2-Dichloroethene	4.28	96	183	4.518	ug/l #	1
23) Vinyl Acetate	5.04	43	179	2.578	ug/l #	82
24) 1,1-Dichloroethane	5.04	63	253	3.416	ug/l #	88
25) 2-Butanone	6.08	43	1737	169.899	ug/l #	58
29) Tetrahydrofuran	6.19	42	213	44.710	ug/l #	27
36) 1,1-Dichloropropene	7.05	75	441	4.718	ug/l #	42
37) Ethyl Acetate	6.18	43	191	4.876	ug/l #	73
38) Carbon Tetrachloride	7.04	117	671	4.763	ug/l #	13
40) Benzene	7.41	78	219	1.065	ug/l #	50
41) Methacrylonitrile	6.45	41	198	4.015	ug/l #	37
43) Isopropyl Acetate	9.43	43	183	3.488	ug/l #	48
45) 1,2-Dichloropropane	9.08	63	230	4.801	ug/l #	47
51) 4-Methyl-2-Pentanone	10.29	43	183	5.098	ug/l #	40
57) 1,3-Dichloropropane	11.42	76	206	3.045	ug/l #	42
59) 2-Hexanone	11.48	43	518	19.832	ug/l #	30
70) Styrene	13.11	104	204	1.021	ug/l #	29
71) Bromoform	13.22	173	187	3.244	ug/l #	38
74) N-amyl acetate	13.29	43	208	3.622	ug/l #	53
78) n-propylbenzene	13.77	91	755	2.820	ug/l #	53
79) 2-Chlorotoluene	13.77	91	755	4.892	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.93	105	379	1.896	ug/l #	31
81) trans-1,4-Dichloro-2-buten	13.56	75	2072	186.744	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.25	105	438	2.368	ug/l #	31
85) sec-Butylbenzene	14.25	105	438	1.959	ug/l #	62
87) 1,3-Dichlorobenzene	14.54	146	612	5.411	ug/l #	71

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
88) 1,4-Dichlorobenzene	14.54	146	612	5.640	ug/l	#	68
89) n-Butylbenzene	14.80	91	203	1.041	ug/l	#	28
90) Hexachloroethane	15.13	117	212	3.946	ug/l	#	12
91) 1,2-Dichlorobenzene	14.82	146	513	5.346	ug/l	#	25
93) 1,2,4-Trichlorobenzene	15.95	180	262	3.711	ug/l	#	74
95) Naphthalene	16.13	128	1203	11.242	ug/l	#	71
96) 1,2,3-Trichlorobenzene	16.27	180	253	4.436	ug/l	#	72

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

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