Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD111519\
Data File : VD064251.D
Acq On : 16 Nov 2019 04:25
Operator : VA/SY
Sample : K5861-09
Misc : 4.72G/5.00ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : EP-9

Quant Time: Nov 18 00:45:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	1183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	371	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	64	9.44	ug/l	-0.01
Spiked Amount 50.000			Recovery = 18.88%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.34	98	1352	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.56%			
62) 4-Bromofluorobenzene	12.64	95	342	38.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	86	12.584	ug/l #	42
3) Chloromethane	2.06	50	60	8.185	ug/l #	42
6) Chloroethane	2.94	64	107	21.362	ug/l #	43
12) 1,1-Dichloroethene	3.90	96	87	12.565	ug/l #	1
13) Acrolein	3.88	56	182	454.509	ug/l #	15
14) Allyl chloride	4.72	41	349	28.508	ug/l #	22
15) Acrylonitrile	5.49	53	83	55.714	ug/l #	16
16) Acetone	4.19	43	232	144.507	ug/l #	45
18) Methyl Acetate	4.71	43	326	72.702	ug/l #	53
20) Methylene Chloride	4.89	84	60	7.399	ug/l #	5
21) trans-1,2-Dichloroethene	5.54	96	95	12.110	ug/l #	1
23) Vinyl Acetate	6.32	43	60	4.739	ug/l #	73
25) 2-Butanone	7.24	43	239	115.227	ug/l #	49
26) 2,2-Dichloropropane	7.11	77	57	4.407	ug/l #	54
27) cis-1,2-Dichloroethene	7.11	96	174	20.684	ug/l #	1
28) Bromochloromethane	7.66	49	66	14.374	ug/l #	10
29) Tetrahydrofuran	7.59	42	62	49.751	ug/l #	35
30) Chloroform	7.76	83	58	4.299	ug/l #	18
31) Cyclohexane	8.00	56	117	8.796	ug/l #	14
32) 1,1,1-Trichloroethane	8.07	97	56	4.335	ug/l #	24
36) 1,1-Dichloropropene	8.07	75	73	6.686	ug/l #	41
37) Ethyl Acetate	7.30	43	172	37.369	ug/l #	70
39) Methylcyclohexane	9.43	83	65	4.705	ug/l #	18
40) Benzene	8.61	78	54	1.810	ug/l #	52
41) Methacrylonitrile	7.53	41	67	23.160	ug/l #	25
43) Isopropyl Acetate	8.43	43	604	63.689	ug/l #	53
47) Bromodichloromethane	9.73	83	74	7.066	ug/l #	25
48) Methyl methacrylate	9.46	41	477	102.862	ug/l #	33
51) 4-Methyl-2-Pentanone	10.23	43	250	54.971	ug/l #	37
55) 1,1,2-Trichloroethane	10.83	97	127	24.078	ug/l #	17
56) Ethyl methacrylate	10.60	69	176	23.853	ug/l #	1
57) 1,3-Dichloropropane	11.11	76	55	5.979	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.00	63	64	21.413	ug/l #	45
59) 2-Hexanone	10.98	43	175	54.087	ug/l #	26

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Dibromochloromethane	10.93	129	54	7.337	ug/l	#	11
74) N-amyl acetate	12.28	43	456	70.911	ug/l	#	51
75) 1,1,2,2-Tetrachloroethane	12.62	83	70	17.060	ug/l	#	26
76) 1,2,3-Trichloropropane	13.04	75	73	24.429	ug/l	#	100
83) tert-Butylbenzene	13.28	119	57	2.889	ug/l	#	27
86) p-Isopropyltoluene	13.63	119	119	4.723	ug/l	#	50
89) n-Butylbenzene	13.84	91	136	5.975	ug/l	#	32
90) Hexachloroethane	13.90	117	56	12.027	ug/l	#	4
91) 1,2-Dichlorobenzene	14.15	146	58	5.580	ug/l	#	25
92) 1,2-Dibromo-3-Chloropropan	14.51	75	54	73.606	ug/l	#	1

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

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