Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112119\
Data File : VD064334.D
Acq On : 21 Nov 2019 19:49
Operator : VA/SY
Sample : K5671-11
Misc : 7.9G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : OR-02-112119

Quant Time: Nov 22 00:44:02 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	7.98	168	500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.59	152	201	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
50) Toluene-d8	10.34	98	922	64.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	128.82%		
62) 4-Bromofluorobenzene	12.63	95	354	71.42	ug/l	0.00
Spiked Amount 50.000			Recovery =	142.84%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.98	85	61	14.710	ug/l #	42
3) Chloromethane	2.11	50	59	13.264	ug/l #	42
4) Vinyl Chloride	2.56	62	54	11.353	ug/l #	42
6) Chloroethane	2.96	64	579	190.500	ug/l #	43
8) Diethyl Ether	3.65	74	58	27.353	ug/l #	2
13) Acrolein	3.94	56	54	222.240	ug/l #	15
14) Allyl chloride	4.71	41	105	14.135	ug/l #	75
15) Acrylonitrile	5.61	53	57	63.055	ug/l #	17
16) Acetone	4.18	43	60	61.590	ug/l #	45
18) Methyl Acetate	4.70	43	72	26.462	ug/l #	53
21) trans-1,2-Dichloroethene	5.64	96	92	19.328	ug/l #	1
22) Diisopropyl ether	6.33	45	66	4.789	ug/l #	6
23) Vinyl Acetate	6.31	43	80	10.413	ug/l #	73
25) 2-Butanone	7.21	43	129	102.495	ug/l #	49
26) 2,2-Dichloropropane	7.13	77	76	9.684	ug/l #	54
27) cis-1,2-Dichloroethene	7.25	96	145	28.406	ug/l #	1
29) Tetrahydrofuran	7.61	42	125	165.303	ug/l #	35
30) Chloroform	7.63	83	75	9.162	ug/l #	18
31) Cyclohexane	8.01	56	180	22.302	ug/l #	14
32) 1,1,1-Trichloroethane	7.77	97	57	7.272	ug/l #	24
37) Ethyl Acetate	7.28	43	245	95.264	ug/l #	70
38) Carbon Tetrachloride	8.30	117	57	8.732	ug/l #	12
39) Methylcyclohexane	9.13	83	60	7.773	ug/l #	18
41) Methacrylonitrile	7.51	41	367	227.043	ug/l #	57
43) Isopropyl Acetate	8.46	43	112	21.136	ug/l #	53
46) Dibromomethane	9.63	93	56	25.776	ug/l #	1
48) Methyl methacrylate	9.47	41	135	52.102	ug/l #	37
51) 4-Methyl-2-Pentanone	10.20	43	54	21.251	ug/l #	37
52) Toluene	10.40	92	381	34.752	ug/l #	1
53) t-1,3-Dichloropropene	10.37	75	56	9.552	ug/l #	44
55) 1,1,2-Trichloroethane	10.67	97	123	41.735	ug/l #	17
56) Ethyl methacrylate	10.51	69	91	22.073	ug/l #	26
59) 2-Hexanone	11.01	43	138	76.334	ug/l #	26
61) 1,2-Dibromoethane	10.97	107	56	18.971	ug/l #	3

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) Ethyl Benzene	11.74	91	117	4.564	ug/l	#	43
68) m/p-Xylenes	11.86	106	101	10.278	ug/l	#	68
73) Isopropylbenzene	12.50	105	60	4.067	ug/l	#	48
74) N-amyl acetate	12.28	43	368	105.627	ug/l	#	54
75) 1,1,2,2-Tetrachloroethane	12.76	83	60	26.990	ug/l	#	26
76) 1,2,3-Trichloropropane	12.64	75	83	51.266	ug/l	#	100
77) Bromobenzene	12.59	156	150	41.850	ug/l	#	1
78) n-propylbenzene	12.82	91	437	25.926	ug/l	#	52
79) 2-Chlorotoluene	12.93	91	88	9.247	ug/l	#	39
80) 1,3,5-Trimethylbenzene	12.97	105	133	10.971	ug/l	#	27
81) trans-1,4-Dichloro-2-buten	12.64	75	83	101.835	ug/l	#	63
82) 4-Chlorotoluene	13.01	91	62	6.246	ug/l	#	39
83) tert-Butylbenzene	13.22	119	63	5.894	ug/l	#	27
84) 1,2,4-Trimethylbenzene	13.28	105	427	35.677	ug/l	#	49
85) sec-Butylbenzene	13.40	105	57	3.970	ug/l	#	55
86) p-Isopropyltoluene	13.48	119	58	4.249	ug/l	#	50
89) n-Butylbenzene	13.86	91	56	4.541	ug/l	#	32
90) Hexachloroethane	14.00	117	56	22.200	ug/l	#	4
92) 1,2-Dibromo-3-Chloropropan	14.23	75	67	168.567	ug/l	#	1
95) Naphthalene	15.41	128	54	7.583	ug/l	#	69

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

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