Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD021720\
Data File : VD065206.D
Acq On : 17 Feb 2020 19:39
Operator : VA/SY
Sample : L1551-04
Misc : 6.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : FK-SF-01-007-B

Quant Time: Feb 18 03:18:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	495	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.86	114	994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	568	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	78	18.54	ug/l	-0.01
Spiked Amount 50.000			Recovery = 37.08%			
35) Dibromofluoromethane	7.92	113	119	21.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 42.92%			
50) Toluene-d8	10.34	98	889	40.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.54%			
62) 4-Bromofluorobenzene	12.64	95	512	73.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 146.40%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	372	76.717	ug/l #	40
5) Bromomethane	2.78	94	117	35.187	ug/l #	3
6) Chloroethane	2.90	64	69	21.691	ug/l #	44
7) Trichlorofluoromethane	3.29	101	95	12.730	ug/l #	18
8) Diethyl Ether	3.70	74	112	52.277	ug/l #	1
11) Tert butyl alcohol	5.26	59	1198	4660.622	ug/l #	88
12) 1,1-Dichloroethene	3.97	96	57	13.045	ug/l #	1
13) Acrolein	3.66	56	74	234.058	ug/l #	1
14) Allyl chloride	4.68	41	571	78.629	ug/l #	22
16) Acetone	4.17	43	7643	7266.297	ug/l	98
17) Carbon Disulfide	4.40	76	192	13.686	ug/l #	74
18) Methyl Acetate	4.47	43	210	95.559	ug/l #	52
20) Methylene Chloride	4.96	84	2376	552.627	ug/l	87
21) trans-1,2-Dichloroethene	5.44	96	62	12.542	ug/l #	1
25) 2-Butanone	7.26	43	111	88.468	ug/l #	50
27) cis-1,2-Dichloroethene	7.18	96	80	15.233	ug/l #	1
29) Tetrahydrofuran	7.59	42	856	1128.161	ug/l #	34
30) Chloroform	7.71	83	303	36.703	ug/l #	16
31) Cyclohexane	7.98	56	736	87.941	ug/l #	52
37) Ethyl Acetate	7.26	43	111	29.396	ug/l #	69
39) Methylcyclohexane	9.34	83	523	45.843	ug/l #	70
40) Benzene	8.34	78	586	22.959	ug/l #	51
41) Methacrylonitrile	7.57	41	456	219.203	ug/l #	19
43) Isopropyl Acetate	8.68	43	60	8.307	ug/l #	52
48) Methyl methacrylate	9.51	41	130	37.402	ug/l #	13
51) 4-Methyl-2-Pentanone	10.18	43	86	24.189	ug/l #	37
52) Toluene	10.40	92	941	57.765	ug/l	97
53) t-1,3-Dichloropropene	10.74	75	147	17.819	ug/l #	44
55) 1,1,2-Trichloroethane	10.73	97	229	51.919	ug/l #	17
56) Ethyl methacrylate	10.53	69	56	10.034	ug/l #	1
59) 2-Hexanone	10.96	43	206	81.800	ug/l #	26
60) Dibromochloromethane	10.87	129	85	14.878	ug/l #	11
64) Tetrachloroethene	10.87	164	61	9.560	ug/l #	12
67) Ethyl Benzene	11.76	91	376	12.050	ug/l #	43

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
68) m/p-Xylenes	11.87	106	376	31.571	ug/l	#	72
70) Styrene	12.20	104	81	4.345	ug/l	#	44
73) Isopropylbenzene	12.48	105	373	9.568	ug/l	#	48
74) N-amyl acetate	12.40	43	85	10.031	ug/l	#	1
76) 1,2,3-Trichloropropane	12.64	75	212	49.298	ug/l	#	100
78) n-propylbenzene	12.83	91	239	5.235	ug/l	#	52
79) 2-Chlorotoluene	12.91	91	76	2.986	ug/l	#	40
80) 1,3,5-Trimethylbenzene	12.96	105	1220	38.252	ug/l		84
81) trans-1,4-Dichloro-2-buten	12.46	75	1023	475.755	ug/l	#	10
82) 4-Chlorotoluene	12.91	91	76	2.844	ug/l	#	40
83) tert-Butylbenzene	13.47	119	310	11.266	ug/l	#	42
84) 1,2,4-Trimethylbenzene	13.28	105	981	30.982	ug/l		81
85) sec-Butylbenzene	13.51	105	84	2.235	ug/l	#	1
86) p-Isopropyltoluene	13.53	119	909	26.033	ug/l	#	65
87) 1,3-Dichlorobenzene	13.53	146	55	3.127	ug/l	#	19
88) 1,4-Dichlorobenzene	13.61	146	169	9.655	ug/l	#	44
89) n-Butylbenzene	13.90	91	63	1.955	ug/l	#	33
90) Hexachloroethane	14.13	117	136	20.569	ug/l	#	7
95) Naphthalene	15.41	128	3386	189.219	ug/l		95

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

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