Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007579.D
Acq On : 15 Dec 2018 14:00
Operator : SY/AP
Sample : J6353-03MSD
Misc : 3.17G/5ML/MSVOA_W/SOIL
ALS Vial : 65 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS001-0002-01MSD

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Quant Time: Dec 15 22:50:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	62604	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	110750	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	72650	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19281	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	43318	62.37	ug/l		0.00
Spiked Amount 50.000			Recovery = 124.74%				
35) Dibromofluoromethane	7.88	113	32140	47.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 95.88%				
50) Toluene-d8	10.32	98	115268	45.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.72%				
62) 4-Bromofluorobenzene	12.62	95	31557	34.14	ug/l		0.00
Spiked Amount 50.000			Recovery = 68.28%				
Target Compounds							Qvalue
3) Chloromethane	2.16	50	602	1.643	ug/l	#	59
7) Trichlorofluoromethane	3.27	101	1158	2.996	ug/l	#	77
11) Tert butyl alcohol	5.18	59	703	14.738	ug/l	#	74
12) 1,1-Dichloroethene	4.06	96	5005	8.150	ug/l		86
13) Acrolein	3.84	56	1108	35.104	ug/l	#	1
14) Allyl chloride	4.76	41	1939	2.142	ug/l	#	65
15) Acrylonitrile	5.43	53	2026	15.885	ug/l	#	39
16) Acetone	4.12	43	20593	169.747	ug/l	#	72
18) Methyl Acetate	4.68	43	1750	5.315	ug/l	#	80
20) Methylene Chloride	4.92	84	2562	Below Cal		#	71
25) 2-Butanone	7.17	43	4936	31.166	ug/l		100
29) Tetrahydrofuran	7.54	42	408	4.069	ug/l	#	62
31) Cyclohexane	7.95	56	44482	41.227	ug/l	#	91
36) 1,1-Dichloropropene	7.95	75	4767	4.718	ug/l	#	60
37) Ethyl Acetate	7.26	43	569	1.514	ug/l	#	66
38) Carbon Tetrachloride	7.95	117	6706	6.100	ug/l	#	18
39) Methylcyclohexane	9.34	83	34766	28.418	ug/l		93
40) Benzene	8.32	78	55626	19.840	ug/l		100
41) Methacrylonitrile	7.52	41	1074	5.019	ug/l	#	40
43) Isopropyl Acetate	8.42	43	3256	4.387	ug/l	#	50
47) Bromodichloromethane	9.62	83	1877	1.942	ug/l	#	28
48) Methyl methacrylate	9.38	41	2474	6.490	ug/l	#	29
51) 4-Methyl-2-Pentanone	10.21	43	4431	12.634	ug/l		95
52) Toluene	10.39	92	1057004	582.550	ug/l		99
53) t-1,3-Dichloropropene	10.39	75	13685	14.585	ug/l	#	1
55) 1,1,2-Trichloroethane	10.76	97	6020	12.005	ug/l	#	24
56) Ethyl methacrylate	10.67	69	655	1.087	ug/l	#	25
58) 2-Chloroethyl Vinyl ether	9.92	63	498	1.792	ug/l	#	43
59) 2-Hexanone	10.94	43	2091	8.941	ug/l	#	26
67) Ethyl Benzene	11.73	91	464603	178.458	ug/l		93
68) m/p-Xylenes	11.84	106	407583	402.710	ug/l		99
69) o-Xylene	12.17	106	296311	313.479	ug/l		97
70) Styrene	12.18	104	64505	42.250	ug/l	#	34
73) Isopropylbenzene	12.47	105	41079	27.805	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) N-amyl acetate	12.26	43	1176	4.380	ug/l	#	53
76) 1,2,3-Trichloropropane	12.80	75	651m	4.095	ug/l		
78) n-propylbenzene	12.81	91	125533	75.501	ug/l		99
79) 2-Chlorotoluene	12.87	91	46601	46.321	ug/l	#	43
80) 1,3,5-Trimethylbenzene	12.94	105	191560	154.314	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.46	75	695	9.657	ug/l	#	81
82) 4-Chlorotoluene	12.94	91	21032	19.833	ug/l	#	43
83) tert-Butylbenzene	13.26	119	37654	34.424	ug/l	#	67
84) 1,2,4-Trimethylbenzene	13.26	105	305693	239.303	ug/l		99
85) sec-Butylbenzene	13.38	105	5611m	3.758	ug/l		
86) p-Isopropyltoluene	13.44	119	10021	7.470	ug/l		99
89) n-Butylbenzene	13.76	91	20785	16.714	ug/l	#	56
90) Hexachloroethane	14.10	117	4016	16.826	ug/l	#	14
92) 1,2-Dibromo-3-Chloropropan	14.46	75	298	6.786	ug/l	#	3
95) Naphthalene	15.37	128	25261	32.811	ug/l		97

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

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