Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006992.D
Acq On : 10 Aug 2018 19:08
Operator : SY/MD
Sample : MDL03
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL03

Manual Integrations APPROVED
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8/13/2018 5:34:56 PM

Quant Time: Aug 13 09:07:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 11 00:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	236037	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	228634	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93676	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	65560	4.30	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%				
7) Chloroethane-d5	1.58	69	59865	4.63	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.60%				
11) 1,1-Dichloroethene-d2	2.13	63	90483	3.16	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%				
20) 2-Butanone-d5	3.97	46	221557	50.56	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.12%				
24) Chloroform-d	4.41	84	150382	4.87	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%				
26) 1,2-Dichloroethane-d4	5.09	65	80083	5.13	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%				
32) Benzene-d6	5.10	84	277386	4.72	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%				
36) 1,2-Dichloropropane-d6	6.12	67	101833	5.07	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.40%				
41) Toluene-d8	7.37	98	207065	4.14	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.80%				
43) trans-1,3-Dichloropropene-	7.67	79	31032	4.44	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%				
46) 2-Hexanone-d5	8.15	63	117877	41.26	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.52%				
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74662	4.77	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%				
64) 1,2-Dichlorobenzene-d4	11.68	152	78571	4.82	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.14	85	5969	0.26	ug/L		99
3) Chloromethane	1.25	50	5915	0.27	ug/L		100
5) Vinyl chloride	1.32	62	5449	0.24	ug/L	#	61
6) Bromomethane	1.53	94	1504	0.30	ug/L		96
8) Chloroethane	1.60	64	3659	0.26	ug/L		97
9) Trichlorofluoromethane	1.77	101	7664	0.26	ug/L		94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5060	0.29	ug/L	#	88
12) 1,1-Dichloroethene	2.14	96	5145	0.30	ug/L	#	1
13) Acetone	2.21	43	7436	3.30	ug/L		98
14) Carbon disulfide	2.32	76	13780	0.25	ug/L	#	89
15) Methyl Acetate	2.47	43	2122	0.33	ug/L		95
16) Methylene chloride	2.54	84	7228	0.35	ug/L		88
17) Methyl tert-butyl Ether	2.82	73	10369	0.26	ug/L	#	95
18) trans-1,2-Dichloroethene	2.79	96	4849	0.27	ug/L		96
19) 1,1-Dichloroethane	3.23	63	8161	0.25	ug/L		96
21) 2-Butanone	4.06	43	11861	2.42	ug/L		100
22) cis-1,2-Dichloroethene	3.96	96	5153	0.25	ug/L		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.31	128	1934	0.23	ug/L		82
25) Chloroform	4.43	83	9879	0.28	ug/L		97
27) 1,2-Dichloroethane	5.19	62	6237	0.28	ug/L		97
29) 1,1,1-Trichloroethane	4.66	97	7394	0.24	ug/L		97
30) Cyclohexane	4.72	56	6234	0.20	ug/L	#	93
31) Carbon tetrachloride	4.87	117	6070	0.24	ug/L		95
33) Benzene	5.15	78	19088	0.24	ug/L		100
34) Trichloroethene	5.96	95	4346	0.23	ug/L		79
35) Methylcyclohexane	6.18	83	6449	0.21	ug/L		97
37) 1,2-Dichloropropane	6.23	63	5339	0.25	ug/L	#	94
38) Bromodichloromethane	6.57	83	5582	0.23	ug/L		96
39) cis-1,3-Dichloropropene	7.08	75	5041	0.19	ug/L		90
40) 4-Methyl-2-pentanone	7.29	43	21227	1.81	ug/L	#	87
42) Toluene	7.44	91	16269	0.21	ug/L		92
44) trans-1,3-Dichloropropene	7.70	75	4729m	0.22	ug/L		
45) 1,1,2-Trichloroethane	7.89	97	3085	0.22	ug/L	#	89
47) Tetrachloroethene	8.03	164	3942	0.26	ug/L		96
48) 2-Hexanone	8.20	43	31883	3.86	ug/L		94
49) Dibromochloromethane	8.30	129	3731	0.25	ug/L		95
50) 1,2-Dibromoethane	8.40	107	2950	0.25	ug/L	#	99
51) Chlorobenzene	8.93	112	11375	0.23	ug/L		99
52) Ethylbenzene	9.06	91	15921	0.21	ug/L		99
53) m,p-xylene	9.19	106	5593	0.20	ug/L		88
54) o-xylene	9.59	106	5697	0.21	ug/L		90
55) Styrene	9.61	104	7917	0.17	ug/L		97
56) Isopropylbenzene	9.98	105	12989	0.18	ug/L	#	95
58) 1,1,2,2-Tetrachloroethane	10.29	83	3727	0.22	ug/L	#	71
59) 1,2,3-Trichloropropane	10.33	75	3091	0.25	ug/L	#	86
61) Bromoform	9.78	173	1980	0.28	ug/L	#	88
62) 1,3-Dichlorobenzene	11.24	146	7146	0.24	ug/L		93
63) 1,4-Dichlorobenzene	11.32	146	7780	0.25	ug/L		88
65) 1,2-Dichlorobenzene	11.70	146	7415	0.25	ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.48	75	498	0.24	ug/L		96
67) 1,3,5-Trichlorobenzene	12.70	180	5534	0.24	ug/L		93
68) 1,2,4-trichlorobenzene	13.32	180	2936	0.17	ug/L	#	84
69) Naphthalene	13.57	128	3541	0.15	ug/L	#	92
70) 1,2,3-Trichlorobenzene	13.80	180	2850	0.18	ug/L		94

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

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