Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006994.D
Acq On : 10 Aug 2018 20:02
Operator : SY/MD
Sample : MDL05
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL05

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8/13/2018 5:35:20 PM

Quant Time: Aug 11 00:31:52 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	239204	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93643	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66701	4.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.40%			
7) Chloroethane-d5	1.58	69	59946	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.13	63	91249	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	3.97	46	259056	58.34	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 116.68%			
24) Chloroform-d	4.41	84	156546	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
26) 1,2-Dichloroethane-d4	5.09	65	83362	5.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.40%			
32) Benzene-d6	5.10	84	283507	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.12	67	103261	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.60%			
41) Toluene-d8	7.37	98	212396	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.00%			
43) trans-1,3-Dichloropropene-	7.67	79	30701	4.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.80%			
46) 2-Hexanone-d5	8.15	63	133566	46.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.44%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80984	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	11.68	152	82250	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4147	0.18	ug/L #	80
3) Chloromethane	1.25	50	4918	0.22	ug/L	100
5) Vinyl chloride	1.32	62	4374	0.19	ug/L #	61
6) Bromomethane	1.53	94	1096	0.22	ug/L	99
8) Chloroethane	1.60	64	3073	0.22	ug/L	93
9) Trichlorofluoromethane	1.77	101	5914	0.20	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4136	0.23	ug/L	92
12) 1,1-Dichloroethene	2.14	96	4316	0.25	ug/L #	1
13) Acetone	2.21	43	6052	2.65	ug/L	92
14) Carbon disulfide	2.32	76	11945	0.21	ug/L	99
15) Methyl Acetate	2.47	43	1603	0.25	ug/L #	81
16) Methylene chloride	2.54	84	6862	0.33	ug/L	85
17) Methyl tert-butyl Ether	2.82	73	8903	0.22	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	4169	0.23	ug/L	95
19) 1,1-Dichloroethane	3.23	63	6700	0.20	ug/L	97
21) 2-Butanone	4.06	43	11164m	2.25	ug/L	
22) cis-1,2-Dichloroethene	3.96	96	4661	0.22	ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	2030	0.24 ug/L #	70
25) Chloroform	4.43	83	8402	0.23 ug/L	91
27) 1,2-Dichloroethane	5.19	62	4864	0.21 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	6209	0.20 ug/L	99
30) Cyclohexane	4.73	56	5429	0.17 ug/L	96
31) Carbon tetrachloride	4.87	117	4805	0.19 ug/L #	65
33) Benzene	5.15	78	15109	0.19 ug/L	100
34) Trichloroethene	5.97	95	4177	0.22 ug/L	96
35) Methylcyclohexane	6.18	83	5464	0.18 ug/L	98
37) 1,2-Dichloropropane	6.23	63	4562	0.21 ug/L	98
38) Bromodichloromethane	6.56	83	5076	0.20 ug/L	89
39) cis-1,3-Dichloropropene	7.08	75	4587	0.17 ug/L	87
40) 4-Methyl-2-pentanone	7.29	43	19341	1.63 ug/L #	88
42) Toluene	7.44	91	15420	0.20 ug/L	91
44) trans-1,3-Dichloropropene	7.70	75	4238	0.19 ug/L	92
45) 1,1,2-Trichloroethane	7.89	97	2819	0.20 ug/L	93
47) Tetrachloroethene	8.02	164	3252	0.21 ug/L	98
48) 2-Hexanone	8.20	43	37302	4.46 ug/L	94
49) Dibromochloromethane	8.30	129	3261	0.22 ug/L	91
50) 1,2-Dibromoethane	8.41	107	2591	0.21 ug/L #	95
51) Chlorobenzene	8.93	112	9970	0.20 ug/L	97
52) Ethylbenzene	9.06	91	13949	0.18 ug/L	93
53) m,p-xylene	9.19	106	4900	0.17 ug/L	82
54) o-xylene	9.59	106	4807	0.18 ug/L	75
55) Styrene	9.61	104	6644	0.15 ug/L	94
56) Isopropylbenzene	9.98	105	10927	0.15 ug/L #	94
58) 1,1,2,2-Tetrachloroethane	10.29	83	3718	0.21 ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	2351	0.19 ug/L #	72
61) Bromoform	9.78	173	1505	0.21 ug/L #	96
62) 1,3-Dichlorobenzene	11.24	146	5851	0.19 ug/L	94
63) 1,4-Dichlorobenzene	11.33	146	6401	0.21 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	6054	0.20 ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.49	75	460	0.22 ug/L #	46
67) 1,3,5-Trichlorobenzene	12.70	180	4394	0.19 ug/L	93
68) 1,2,4-trichlorobenzene	13.31	180	2402	0.14 ug/L	94
69) Naphthalene	13.57	128	3283	0.14 ug/L #	90
70) 1,2,3-Trichlorobenzene	13.80	180	2721	0.17 ug/L	90

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

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