Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006990.D
Acq On : 10 Aug 2018 18:15
Operator : SY/MD
Sample : MDL01
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL01

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Quant Time: Aug 13 09:03:25 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	248037	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242442	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98548	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	65777	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.58	69	61774	4.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.00%			
11) 1,1-Dichloroethene-d2	2.13	63	88995	2.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.20%#			
20) 2-Butanone-d5	3.97	46	224875	48.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.68%			
24) Chloroform-d	4.40	84	152566	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.09	65	78565	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.10	84	276954	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.12	67	101583	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.36	98	209269	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloropropene-	7.67	79	30595	4.13	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.60%			
46) 2-Hexanone-d5	8.15	63	117221	38.70	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.40%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74714	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	80463	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4776	0.20	ug/L	100
3) Chloromethane	1.25	50	4975	0.21	ug/L	97
5) Vinyl chloride	1.32	62	4369	0.18	ug/L #	66
6) Bromomethane	1.54	94	990	0.19	ug/L	92
8) Chloroethane	1.60	64	3154	0.22	ug/L	94
9) Trichlorofluoromethane	1.77	101	5362	0.18	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4554	0.25	ug/L #	80
12) 1,1-Dichloroethene	2.14	96	4318	0.24	ug/L #	1
13) Acetone	2.21	43	5130	2.16	ug/L	90
14) Carbon disulfide	2.32	76	11993	0.20	ug/L #	93
15) Methyl Acetate	2.47	43	1420	0.21	ug/L	96
16) Methylene chloride	2.54	84	6603	0.31	ug/L	94
17) Methyl tert-butyl Ether	2.82	73	7706	0.18	ug/L #	86
18) trans-1,2-Dichloroethene	2.79	96	4021	0.21	ug/L	88
19) 1,1-Dichloroethane	3.23	63	6954	0.20	ug/L	92
21) 2-Butanone	4.06	43	11413	2.22	ug/L #	73
22) cis-1,2-Dichloroethene	3.97	96	4620	0.21	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.31	128	1671	0.19 ug/L	87
25) Chloroform	4.43	83	8239	0.22 ug/L	91
27) 1,2-Dichloroethane	5.19	62	4878	0.21 ug/L #	82
29) 1,1,1-Trichloroethane	4.66	97	6108	0.19 ug/L	98
30) Cyclohexane	4.72	56	5569	0.17 ug/L	99
31) Carbon tetrachloride	4.88	117	4340	0.16 ug/L	91
33) Benzene	5.15	78	14780	0.18 ug/L	100
34) Trichloroethene	5.96	95	3859	0.19 ug/L	90
35) Methylcyclohexane	6.18	83	4869	0.15 ug/L	90
37) 1,2-Dichloropropane	6.23	63	4368	0.19 ug/L #	91
38) Bromodichloromethane	6.56	83	5015	0.19 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	4784	0.17 ug/L	86
40) 4-Methyl-2-pentanone	7.29	43	17604	1.42 ug/L #	91
42) Toluene	7.44	91	13449	0.17 ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	4058	0.18 ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	2453	0.16 ug/L #	85
47) Tetrachloroethene	8.02	164	3194	0.20 ug/L	88
48) 2-Hexanone	8.20	43	29117	3.32 ug/L	92
49) Dibromochloromethane	8.30	129	2658	0.17 ug/L	76
50) 1,2-Dibromoethane	8.40	107	2259	0.18 ug/L #	75
51) Chlorobenzene	8.93	112	9461	0.18 ug/L	95
52) Ethylbenzene	9.06	91	13070	0.16 ug/L	99
53) m,p-xylene	9.19	106	4187	0.14 ug/L	90
54) o-xylene	9.59	106	4405	0.15 ug/L	81
55) Styrene	9.61	104	6800	0.14 ug/L	91
56) Isopropylbenzene	9.98	105	10302	0.14 ug/L	93
58) 1,1,2,2-Tetrachloroethane	10.29	83	3447	0.19 ug/L #	83
59) 1,2,3-Trichloropropane	10.33	75	2361	0.18 ug/L #	52
61) Bromoform	9.78	173	1370	0.18 ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	6410	0.20 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	6068	0.19 ug/L	93
65) 1,2-Dichlorobenzene	11.70	146	6257	0.20 ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.48	75	542m	0.24 ug/L	
67) 1,3,5-Trichlorobenzene	12.70	180	4238	0.18 ug/L	95
68) 1,2,4-trichlorobenzene	13.32	180	2760	0.16 ug/L	97
69) Naphthalene	13.56	128	3416	0.13 ug/L #	91
70) 1,2,3-Trichlorobenzene	13.81	180	2607	0.15 ug/L	97

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

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