Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081018\
Data File : VV006991.D
Acq On : 10 Aug 2018 18:41
Operator : SY/MD
Sample : MDL02
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : MDL02

Manual Integrations APPROVED
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8/13/2018 5:34:52 PM

Quant Time: Aug 11 00:27:51 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	246150	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235609	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96738	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	67313	4.24	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.80%			
7) Chloroethane-d5	1.58	69	61753	4.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.60%			
11) 1,1-Dichloroethene-d2	2.13	63	91040	3.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.00%			
20) 2-Butanone-d5	3.97	46	226897	49.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.32%			
24) Chloroform-d	4.41	84	153943	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.09	65	78729	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.80%			
32) Benzene-d6	5.10	84	282510	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
36) 1,2-Dichloropropane-d6	6.12	67	100603	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.36	98	209688	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	7.67	79	29673	4.12	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.40%			
46) 2-Hexanone-d5	8.15	63	119159	40.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 80.96%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74089	4.59	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.80%			
64) 1,2-Dichlorobenzene-d4	11.68	152	78885	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	4733	0.20	ug/L	96
3) Chloromethane	1.25	50	5122	0.22	ug/L	92
5) Vinyl chloride	1.32	62	5140	0.22	ug/L #	74
6) Bromomethane	1.53	94	1280	0.25	ug/L	91
8) Chloroethane	1.60	64	2875	0.20	ug/L	98
9) Trichlorofluoromethane	1.77	101	6123	0.20	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4468	0.25	ug/L	87
12) 1,1-Dichloroethene	2.14	96	4615	0.26	ug/L #	1
13) Acetone	2.20	43	6278	2.67	ug/L	95
14) Carbon disulfide	2.32	76	11820	0.20	ug/L #	83
15) Methyl Acetate	2.47	43	1713	0.26	ug/L #	72
16) Methylene chloride	2.54	84	6069	0.28	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	8709	0.21	ug/L #	87
18) trans-1,2-Dichloroethene	2.79	96	4404	0.23	ug/L	90
19) 1,1-Dichloroethane	3.23	63	6891	0.20	ug/L	90
21) 2-Butanone	4.06	43	11632	2.28	ug/L #	68
22) cis-1,2-Dichloroethene	3.96	96	4723	0.22	ug/L	88

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.30	128	1933m	0.22 ug/L	
25) Chloroform	4.44	83	8607	0.23 ug/L	96
27) 1,2-Dichloroethane	5.19	62	4886	0.21 ug/L #	95
29) 1,1,1-Trichloroethane	4.66	97	6197	0.20 ug/L	97
30) Cyclohexane	4.72	56	5802	0.18 ug/L #	91
31) Carbon tetrachloride	4.88	117	5341	0.20 ug/L	96
33) Benzene	5.15	78	15165	0.19 ug/L	100
34) Trichloroethene	5.96	95	3904	0.20 ug/L	95
35) Methylcyclohexane	6.18	83	5181	0.16 ug/L	92
37) 1,2-Dichloropropane	6.23	63	4410	0.20 ug/L #	93
38) Bromodichloromethane	6.56	83	4859	0.19 ug/L #	98
39) cis-1,3-Dichloropropene	7.08	75	4865	0.18 ug/L	92
40) 4-Methyl-2-pentanone	7.29	43	18344	1.52 ug/L #	89
42) Toluene	7.44	91	13697	0.17 ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	3804	0.17 ug/L	88
45) 1,1,2-Trichloroethane	7.89	97	2959	0.20 ug/L	98
47) Tetrachloroethene	8.02	164	3241	0.20 ug/L	96
48) 2-Hexanone	8.20	43	30271	3.56 ug/L	96
49) Dibromochloromethane	8.29	129	3174	0.21 ug/L	92
50) 1,2-Dibromoethane	8.40	107	2275	0.19 ug/L #	82
51) Chlorobenzene	8.93	112	9672	0.19 ug/L	94
52) Ethylbenzene	9.06	91	13819	0.18 ug/L	99
53) m,p-xylene	9.19	106	4742	0.16 ug/L	100
54) o-xylene	9.59	106	4504	0.16 ug/L	99
55) Styrene	9.61	104	6944	0.15 ug/L	90
56) Isopropylbenzene	9.98	105	11007	0.15 ug/L #	95
58) 1,1,2,2-Tetrachloroethane	10.29	83	3458	0.20 ug/L #	95
59) 1,2,3-Trichloropropane	10.32	75	2132	0.17 ug/L #	64
61) Bromoform	9.78	173	1485	0.20 ug/L	96
62) 1,3-Dichlorobenzene	11.24	146	6404	0.20 ug/L	96
63) 1,4-Dichlorobenzene	11.33	146	6422	0.20 ug/L	93
65) 1,2-Dichlorobenzene	11.70	146	6238	0.20 ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.49	75	382	0.17 ug/L #	58
67) 1,3,5-Trichlorobenzene	12.70	180	4297	0.18 ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	2586	0.15 ug/L	97
69) Naphthalene	13.56	128	2904	0.12 ug/L #	89
70) 1,2,3-Trichlorobenzene	13.80	180	2427	0.14 ug/L	97

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

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