Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
Data File : VU027684.D
Acq On : 17 Oct 2018 17:44
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00550

Quant Time: Oct 19 06:50:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 06:41:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83107	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40310	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	29882	4.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.60%			
7) Chloroethane-d5	1.68	69	23047	4.64	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.80%			
11) 1,1-Dichloroethene-d2	2.28	63	54469	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.80%			
20) 2-Butanone-d5	4.20	46	87519	46.60	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.20%			
24) Chloroform-d	4.66	84	49790	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.31	65	26811	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
32) Benzene-d6	5.34	84	105383	5.00	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.00%			
36) 1,2-Dichloropropane-d6	6.34	67	35343	4.81	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.20%			
41) Toluene-d8	7.57	98	98707	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14224	4.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.80%			
46) 2-Hexanone-d5	8.31	63	76367	48.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25619	4.47	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	36681	4.85	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	30353	4.475	ug/L	99
3) Chloromethane	1.33	50	35113	4.347	ug/L	96
5) Vinyl chloride	1.40	62	37486	4.622	ug/L	100
6) Bromomethane	1.63	94	8370	1.924	ug/L	99
8) Chloroethane	1.70	64	24431	5.226	ug/L	93
9) Trichlorofluoromethane	1.89	101	43821	4.681	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	24820	4.394	ug/L	99
12) 1,1-Dichloroethene	2.29	96	25385	4.513	ug/L	98
13) Acetone	2.34	43	48189	40.128	ug/L	97
14) Carbon disulfide	2.48	76	89033	4.571	ug/L	100
15) Methyl Acetate	2.63	43	14091	4.394	ug/L	94
16) Methylene chloride	2.70	84	28299	4.613	ug/L	96
17) Methyl tert-butyl Ether	3.01	73	71987	4.630	ug/L	99
18) trans-1,2-Dichloroethene	2.99	96	27936	4.672	ug/L	96
19) 1,1-Dichloroethane	3.45	63	55935	4.700	ug/L	98
21) 2-Butanone	4.29	43	91408	43.807	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	32870	4.967	ug/L #	98

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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	4.55	128	13087	4.391 ug/L	96
25) Chloroform	4.68	83	55441	4.828 ug/L	99
27) 1,2-Dichloroethane	5.41	62	33728	4.640 ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	46161	4.874 ug/L	99
30) Cyclohexane	5.00	56	58719	4.934 ug/L	99
31) Carbon tetrachloride	5.14	117	41742	4.866 ug/L	97
33) Benzene	5.39	78	122236	4.835 ug/L	100
34) Trichloroethene	6.19	95	32365	4.946 ug/L	98
35) Methylcyclohexane	6.42	83	53528	4.747 ug/L	99
37) 1,2-Dichloropropane	6.44	63	34898	4.807 ug/L	99
38) Bromodichloromethane	6.76	83	40292	4.776 ug/L	95
39) cis-1,3-Dichloropropene	7.27	75	49356	4.675 ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	227371	46.400 ug/L	100
42) Toluene	7.64	91	129009	4.750 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	41555	4.769 ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	21496	4.605 ug/L	99
47) Tetrachloroethene	8.23	164	25490	4.879 ug/L	98
48) 2-Hexanone	8.37	43	161377	45.965 ug/L	99
49) Dibromochloromethane	8.48	129	27032	4.660 ug/L	97
50) 1,2-Dibromoethane	8.59	107	20736	4.740 ug/L	100
51) Chlorobenzene	9.12	112	79245	4.754 ug/L	99
52) Ethylbenzene	9.25	91	145513	4.833 ug/L	100
53) m,p-xylene	9.38	106	54718	4.884 ug/L	98
54) o-xylene	9.78	106	53446	4.860 ug/L	99
55) Styrene	9.79	104	90505	4.894 ug/L	97
56) Isopropylbenzene	10.17	105	140048	4.789 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	27463	4.497 ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	19917	4.774 ug/L	100
61) Bromoform	9.96	173	15867	4.393 ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	64046	4.785 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	62900	4.686 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	59543	4.631 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	4894	4.624 ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	49872	4.591 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	43579	4.654 ug/L	99
69) Naphthalene	13.75	128	71526	4.569 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	39942	4.567 ug/L	100

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

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