Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050819\
Data File : VU031819.D
Acq On : 08 May 2019 12:53
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: May 09 02:31:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 02:09:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	365403	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	364026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	165252	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	105245	4.23	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.60%			
7) Chloroethane-d5	1.68	69	89436	4.35	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.00%			
11) 1,1-Dichloroethene-d2	2.27	63	232601	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.20	46	452846	46.57	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.14%			
24) Chloroform-d	4.64	84	246037	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
26) 1,2-Dichloroethane-d4	5.31	65	141223	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
32) Benzene-d6	5.33	84	444019	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.33	67	156118	4.56	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.20%			
41) Toluene-d8	7.56	98	369693	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	7.85	79	57459	4.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.60%			
46) 2-Hexanone-d5	8.31	63	298215	49.10	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.20%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	120793	4.53	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	129305	4.73	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	196260	4.666	ug/L	97
3) Chloromethane	1.32	50	202773	4.044	ug/L	100
5) Vinyl chloride	1.40	62	190401	4.345	ug/L	99
6) Bromomethane	1.63	94	93251	4.636	ug/L	99
8) Chloroethane	1.70	64	113817	4.716	ug/L	97
9) Trichlorofluoromethane	1.88	101	230304	4.544	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	120329	4.562	ug/L	97
12) 1,1-Dichloroethene	2.28	96	110630	4.454	ug/L	98
13) Acetone	2.33	43	285283	42.959	ug/L	97
14) Carbon disulfide	2.47	76	381932	4.368	ug/L	98
15) Methyl Acetate	2.62	43	71675	4.184	ug/L	98
16) Methylene chloride	2.69	84	137111	3.978	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	330526	4.467	ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	118893	4.441	ug/L	95
19) 1,1-Dichloroethane	3.43	63	301860	4.584	ug/L	99
21) 2-Butanone	4.28	43	525677	47.370	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	149413	4.647	ug/L	94

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Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00523

Quant Time: May 09 02:31:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 02:09:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.54	128	58225	4.512	ug/L		97
25) Chloroform	4.67	83	283935	4.382	ug/L		100
27) 1,2-Dichloroethane	5.40	62	197681	4.622	ug/L		97
29) 1,1,1-Trichloroethane	4.91	97	237805	4.767	ug/L		98
30) Cyclohexane	4.98	56	274262	5.020	ug/L		98
31) Carbon tetrachloride	5.12	117	199728	4.701	ug/L		99
33) Benzene	5.38	78	611661	4.819	ug/L		100
34) Trichloroethene	6.18	95	149314	4.666	ug/L		95
35) Methylcyclohexane	6.41	83	222630	4.843	ug/L		98
37) 1,2-Dichloropropane	6.43	63	174090	4.792	ug/L		100
38) Bromodichloromethane	6.75	83	197508	4.565	ug/L		91
39) cis-1,3-Dichloropropene	7.27	75	216076	4.747	ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	1216827	49.775	ug/L		100
42) Toluene	7.63	91	629251	5.021	ug/L		94
44) trans-1,3-Dichloropropene	7.88	75	181073	5.022	ug/L		100
45) 1,1,2-Trichloroethane	8.06	97	97861	4.547	ug/L		93
47) Tetrachloroethene	8.22	164	96991	4.661	ug/L		95
48) 2-Hexanone	8.36	43	918310	52.852	ug/L		98
49) Dibromochloromethane	8.47	129	117399	4.690	ug/L		99
50) 1,2-Dibromoethane	8.59	107	92189	4.707	ug/L		91
51) Chlorobenzene	9.12	112	358643	4.814	ug/L		99
52) Ethylbenzene	9.25	91	647139	4.950	ug/L		100
53) m,p-Xylene	9.37	106	230183	4.946	ug/L		94
54) o-Xylene	9.77	106	223450	5.021	ug/L		99
55) Styrene	9.79	104	388822	5.091	ug/L		97
56) Isopropylbenzene	10.16	105	593923	4.985	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.45	83	133640	4.649	ug/L		98
59) 1,2,3-Trichloropropane	10.49	75	98724	4.591	ug/L		99
61) Bromoform	9.95	173	60334	4.563	ug/L		96
62) 1,3-Dichlorobenzene	11.41	146	249329	4.751	ug/L		96
63) 1,4-Dichlorobenzene	11.50	146	262129	4.925	ug/L		99
65) 1,2-Dichlorobenzene	11.87	146	251429	4.911	ug/L		97
66) 1,2-Dibromo-3-chloropropan	12.65	75	22486	4.672	ug/L	#	85
67) 1,3,5-Trichlorobenzene	12.88	180	197538	4.954	ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	149314	5.070	ug/L		97
69) Naphthalene	13.74	128	261647	5.180	ug/L		98
70) 1,2,3-Trichlorobenzene	13.98	180	150835	5.502	ug/L		100

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

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