Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052319\
Data File : VU032285.D
Acq On : 23 May 2019 22:47
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: May 24 03:00:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	354547	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360166	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160981	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	76978	3.87	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.40%			
7) Chloroethane-d5	1.68	69	77971	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.27	63	149972	4.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.80%			
20) 2-Butanone-d5	4.20	46	272082	48.44	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 96.88%			
24) Chloroform-d	4.64	84	231637	4.55	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%			
26) 1,2-Dichloroethane-d4	5.31	65	125837	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.33	84	428312	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
36) 1,2-Dichloropropane-d6	6.33	67	144881	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.20%			
41) Toluene-d8	7.56	98	432429	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
43) trans-1,3-Dichloropropene-	7.85	79	53891	4.22	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.40%			
46) 2-Hexanone-d5	8.31	63	247926	51.63	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154724	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.80%			
64) 1,2-Dichlorobenzene-d4	11.85	152	203678	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	77440	5.109	ug/L	99
3) Chloromethane	1.32	50	72857	4.794	ug/L	100
5) Vinyl chloride	1.40	62	77103	5.025	ug/L	99
6) Bromomethane	1.63	94	49762	5.118	ug/L	98
8) Chloroethane	1.70	64	45165	4.636	ug/L	99
9) Trichlorofluoromethane	1.88	101	101916	5.123	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	65720	5.235	ug/L	98
12) 1,1-Dichloroethene	2.28	96	65812	5.216	ug/L	97
13) Acetone	2.34	43	87903	50.516	ug/L	98
14) Carbon disulfide	2.47	76	191775	4.905	ug/L	98
15) Methyl Acetate	2.62	43	21407	4.193	ug/L	98
16) Methylene chloride	2.70	84	69583	4.134	ug/L	98
17) Methyl tert-butyl Ether	3.00	73	149696	5.262	ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	67934	5.016	ug/L	92
19) 1,1-Dichloroethane	3.44	63	106753	5.104	ug/L	95
21) 2-Butanone	4.29	43	131324	50.025	ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	67927	5.138	ug/L	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00515

Quant Time: May 24 03:00:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 02:55:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.54	128	31446	5.382 ug/L		90
25) Chloroform	4.67	83	117353	5.195 ug/L		96
27) 1,2-Dichloroethane	5.40	62	66539	5.061 ug/L		97
29) 1,1,1-Trichloroethane	4.91	97	95216	5.093 ug/L		96
30) Cyclohexane	4.98	56	78834	4.511 ug/L		95
31) Carbon tetrachloride	5.13	117	82928	5.036 ug/L		97
33) Benzene	5.38	78	249164	5.114 ug/L		100
34) Trichloroethene	6.18	95	64982	4.970 ug/L		93
35) Methylcyclohexane	6.41	83	90114	4.679 ug/L		99
37) 1,2-Dichloropropane	6.43	63	60768	5.181 ug/L		98
38) Bromodichloromethane	6.76	83	76953	5.048 ug/L		99
39) cis-1,3-Dichloropropene	7.27	75	76537	4.582 ug/L		99
40) 4-Methyl-2-pentanone	7.46	43	297918	50.244 ug/L		98
42) Toluene	7.63	91	273814	5.289 ug/L		99
44) trans-1,3-Dichloropropene	7.88	75	66693	5.082 ug/L		99
45) 1,1,2-Trichloroethane	8.06	97	47872	5.285 ug/L		96
47) Tetrachloroethene	8.22	164	53590	4.965 ug/L		93
48) 2-Hexanone	8.36	43	241348	53.069 ug/L		99
49) Dibromochloromethane	8.47	129	54683	5.304 ug/L		96
50) 1,2-Dibromoethane	8.58	107	43659	5.112 ug/L	#	97
51) Chlorobenzene	9.12	112	168884	5.097 ug/L		99
52) Ethylbenzene	9.25	91	260383	4.997 ug/L		96
53) m,p-Xylene	9.37	106	101408	5.233 ug/L		88
54) o-Xylene	9.77	106	100104	5.170 ug/L		90
55) Styrene	9.79	104	167364	5.166 ug/L		99
56) Isopropylbenzene	10.16	105	250541	5.118 ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.45	83	55277	5.066 ug/L	#	95
59) 1,2,3-Trichloropropane	10.49	75	40515	5.304 ug/L		94
61) Bromoform	9.95	173	31441	5.453 ug/L		98
62) 1,3-Dichlorobenzene	11.41	146	122502	5.150 ug/L		97
63) 1,4-Dichlorobenzene	11.50	146	129263	5.182 ug/L		100
65) 1,2-Dichlorobenzene	11.87	146	131377	5.445 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.66	75	8159	5.237 ug/L		94
67) 1,3,5-Trichlorobenzene	12.88	180	96092	5.309 ug/L		99
68) 1,2,4-trichlorobenzene	13.50	180	65101	5.101 ug/L		95
69) Naphthalene	13.74	128	87650	4.489 ug/L		99
70) 1,2,3-Trichlorobenzene	13.98	180	68718	5.087 ug/L		97

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

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