Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072019\
Data File : VU033345.D
Acq On : 19 Jul 2019 21:29
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Jul 20 05:12:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	116053	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	116778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	58826	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	51085	4.37	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.40%			
7) Chloroethane-d5	1.67	69	46588	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.60%			
11) 1,1-Dichloroethene-d2	2.26	63	107756	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 95.40%			
20) 2-Butanone-d5	4.17	46	133809	60.76	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 121.52%			
24) Chloroform-d	4.62	84	84105	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.29	65	47524	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.00%			
32) Benzene-d6	5.32	84	162859	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.31	67	53091	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.55	98	149375	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
43) trans-1,3-Dichloropropene-	7.83	79	22117	5.34	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 106.80%			
46) 2-Hexanone-d5	8.30	63	105236	61.78	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 123.56%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	48157	5.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 112.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	57167	4.99	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	50971	5.173	ug/L	98
3) Chloromethane	1.32	50	60323	5.187	ug/L	100
5) Vinyl chloride	1.39	62	66671	5.337	ug/L	99
6) Bromomethane	1.62	94	42037	5.307	ug/L	96
8) Chloroethane	1.69	64	41802	5.228	ug/L	100
9) Trichlorofluoromethane	1.87	101	94176	5.260	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	52867	5.346	ug/L	97
12) 1,1-Dichloroethene	2.27	96	51019	5.351	ug/L	93
13) Acetone	2.31	43	109402	56.734	ug/L	96
14) Carbon disulfide	2.46	76	156699	5.076	ug/L	99
15) Methyl Acetate	2.60	43	29399	6.104	ug/L	99
16) Methylene chloride	2.68	84	60951	5.243	ug/L	92
17) Methyl tert-butyl Ether	2.98	73	148877	5.962	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	55286	5.249	ug/L	99
19) 1,1-Dichloroethane	3.42	63	84896	5.365	ug/L	99
21) 2-Butanone	4.25	43	133951	60.441	ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	47071	5.288	ug/L	95

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ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 18 08:01:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.52	128	20954	5.345 ug/L	95
25) Chloroform	4.65	83	93144	5.314 ug/L	99
27) 1,2-Dichloroethane	5.38	62	59614	5.717 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	72369	5.365 ug/L	99
30) Cyclohexane	4.97	56	66427	5.484 ug/L	98
31) Carbon tetrachloride	5.11	117	62389	5.284 ug/L	99
33) Benzene	5.36	78	186396	5.636 ug/L	100
34) Trichloroethene	6.16	95	48812	5.578 ug/L	97
35) Methylcyclohexane	6.39	83	69639	5.281 ug/L	98
37) 1,2-Dichloropropane	6.41	63	51332	5.740 ug/L	99
38) Bromodichloromethane	6.74	83	62312	5.462 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	69504	5.448 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	327709	63.948 ug/L	99
42) Toluene	7.62	91	199812	5.628 ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	56646	5.491 ug/L	95
45) 1,1,2-Trichloroethane	8.05	97	36084	5.643 ug/L	93
47) Tetrachloroethene	8.21	164	36011	5.135 ug/L	97
48) 2-Hexanone	8.35	43	239646	63.937 ug/L	99
49) Dibromochloromethane	8.46	129	41683	5.412 ug/L	94
50) 1,2-Dibromoethane	8.57	107	34309	5.589 ug/L #	95
51) Chlorobenzene	9.10	112	126617	5.433 ug/L	100
52) Ethylbenzene	9.23	91	211661	5.584 ug/L	99
53) m,p-Xylene	9.36	106	82304	5.748 ug/L	95
54) o-Xylene	9.76	106	80702	5.912 ug/L	96
55) Styrene	9.77	104	135397	5.692 ug/L	97
56) Isopropylbenzene	10.15	105	205987	5.676 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	48258	5.895 ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	34125	5.852 ug/L	99
61) Bromoform	9.94	173	23073	5.703 ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	95701	5.444 ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	99792	5.390 ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	95221	5.456 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	7942	6.013 ug/L	95
67) 1,3,5-Trichlorobenzene	12.87	180	72372	5.239 ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	59496	5.332 ug/L	99
69) Naphthalene	13.73	128	107822	5.704 ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	58167	5.532 ug/L	99

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

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