Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051219\
Data File : VU031956.D
Acq On : 12 May 2019 20:33
Operator : JC/SP
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: May 13 07:06:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451658	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	472364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	208894	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	170071	5.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 110.60%			
7) Chloroethane-d5	1.68	69	154641	6.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 121.80%			
11) 1,1-Dichloroethene-d2	2.27	63	328187	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.20	46	538286	44.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.58%			
24) Chloroform-d	4.64	84	324879	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.31	65	170190	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.80%			
32) Benzene-d6	5.33	84	609967	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.00%			
36) 1,2-Dichloropropane-d6	6.33	67	210967	4.75	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.00%			
41) Toluene-d8	7.56	98	523011	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
43) trans-1,3-Dichloropropene-	7.85	79	74204	4.76	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.20%			
46) 2-Hexanone-d5	8.31	63	407498	51.71	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.42%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	178347	5.15	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.00%			
64) 1,2-Dichlorobenzene-d4	11.85	152	193445	5.60	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	215292	4.141	ug/L	99
3) Chloromethane	1.32	50	250135	4.036	ug/L	98
5) Vinyl chloride	1.40	62	261404	4.826	ug/L	98
6) Bromomethane	1.63	94	145500	5.852	ug/L	98
8) Chloroethane	1.70	64	161837	5.425	ug/L	100
9) Trichlorofluoromethane	1.88	101	309937	4.947	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	186095	5.708	ug/L	96
12) 1,1-Dichloroethene	2.28	96	183443	5.975	ug/L	77
13) Acetone	2.34	43	359590	43.808	ug/L	82
14) Carbon disulfide	2.48	76	578433	5.352	ug/L	98
15) Methyl Acetate	2.62	43	99000	4.675	ug/L #	86
16) Methylene chloride	2.70	84	216395	5.080	ug/L	85
17) Methyl tert-butyl Ether	3.00	73	501545	5.484	ug/L #	91
18) trans-1,2-Dichloroethene	2.98	96	198125	5.987	ug/L	80
19) 1,1-Dichloroethane	3.44	63	369734	4.543	ug/L	94
21) 2-Butanone	4.28	43	578487	42.174	ug/L	87
22) cis-1,2-Dichloroethene	4.22	96	204346	5.142	ug/L	80

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ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.54	128	86416	5.418 ug/L #	75
25) Chloroform	4.67	83	358395	4.475 ug/L	97
27) 1,2-Dichloroethane	5.40	62	233276	4.413 ug/L #	94
29) 1,1,1-Trichloroethane	4.91	97	286265	4.422 ug/L	96
30) Cyclohexane	4.99	56	297838	4.201 ug/L	90
31) Carbon tetrachloride	5.13	117	236284	4.286 ug/L	99
33) Benzene	5.38	78	800742	4.862 ug/L	100
34) Trichloroethene	6.18	95	198694	4.785 ug/L	93
35) Methylcyclohexane	6.41	83	283419	4.752 ug/L	89
37) 1,2-Dichloropropane	6.43	63	214798	4.557 ug/L #	97
38) Bromodichloromethane	6.75	83	253391	4.513 ug/L	93
39) cis-1,3-Dichloropropene	7.27	75	261172	4.422 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1319683	41.601 ug/L #	89
42) Toluene	7.63	91	844706	5.194 ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	215338	4.603 ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	149433	5.351 ug/L	98
47) Tetrachloroethene	8.22	164	134855	4.994 ug/L	97
48) 2-Hexanone	8.36	43	992781	44.034 ug/L #	91
49) Dibromochloromethane	8.47	129	154799	4.766 ug/L	97
50) 1,2-Dibromoethane	8.58	107	137950	5.428 ug/L	93
51) Chlorobenzene	9.12	112	497322	5.145 ug/L	93
52) Ethylbenzene	9.25	91	837653	4.938 ug/L	97
53) m,p-Xylene	9.37	106	308431	5.108 ug/L	98
54) o-Xylene	9.77	106	308838	5.348 ug/L	95
55) Styrene	9.79	104	543707	5.486 ug/L	93
56) Isopropylbenzene	10.16	105	789376	5.105 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	187482	5.026 ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	135472	4.856 ug/L	97
61) Bromoform	9.95	173	87362	5.227 ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	339051	5.111 ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	342989	5.098 ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	348751	5.389 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	28149	4.627 ug/L #	83
67) 1,3,5-Trichlorobenzene	12.88	180	251282	4.985 ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	187985	5.050 ug/L	97
69) Naphthalene	13.74	128	332516	5.207 ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	195654	5.646 ug/L	97

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

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