Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070720\
Data File : VU039317.D
Acq On : 07 Jul 2020 15:37
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00529

Quant Time: Jul 08 01:32:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 15:01:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	118334	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54042	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	36725	5.36	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.20%			
7) Chloroethane-d5	1.93	69	33615	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.58	63	71160	5.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.40%			
20) 2-Butanone-d5	4.66	46	174914	55.74	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.48%			
24) Chloroform-d	5.09	84	80185	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.80%			
26) 1,2-Dichloroethane-d4	5.72	65	48212	5.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.20%			
32) Benzene-d6	5.74	84	144780	5.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 107.40%			
36) 1,2-Dichloropropane-d6	6.71	67	51468	5.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 108.60%			
41) Toluene-d8	7.91	98	123736	5.29	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.80%			
43) trans-1,3-Dichloropropene-	8.19	79	22541	5.39	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.80%			
46) 2-Hexanone-d5	8.64	63	138219	55.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.38%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49637	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50647	5.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	38068	5.308	ug/L	99
3) Chloromethane	1.53	50	44103	5.075	ug/L	97
5) Vinyl chloride	1.61	62	47080	4.879	ug/L	99
6) Bromomethane	1.87	94	22447	5.402	ug/L	100
8) Chloroethane	1.94	64	29864	4.284	ug/L	100
9) Trichlorofluoromethane	2.15	101	78021	4.657	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	35746	5.199	ug/L	98
12) 1,1-Dichloroethene	2.59	96	34733	4.935	ug/L	98
13) Acetone	2.67	43	83653	49.386	ug/L	65
14) Carbon disulfide	2.81	76	121776	4.912	ug/L	98
15) Methyl Acetate	2.97	43	20610	4.606	ug/L	94
16) Methylene chloride	3.06	84	42294	4.778	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	111511	5.029	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	38153	4.897	ug/L	96
19) 1,1-Dichloroethane	3.89	63	75091	4.926	ug/L	98
21) 2-Butanone	4.74	43	154199	51.003	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	42887	4.909	ug/L	98

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	19694	4.962 ug/L	95
25) Chloroform	5.11	83	75583	4.910 ug/L	99
27) 1,2-Dichloroethane	5.81	62	56730	5.094 ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	65243	4.945 ug/L	98
30) Cyclohexane	5.41	56	71818	5.171 ug/L	97
31) Carbon tetrachloride	5.54	117	54469	4.839 ug/L	100
33) Benzene	5.79	78	162798	4.861 ug/L	100
34) Trichloroethene	6.56	95	42365	4.893 ug/L	97
35) Methylcyclohexane	6.77	83	69804	5.033 ug/L	97
37) 1,2-Dichloropropane	6.81	63	44364	4.859 ug/L	99
38) Bromodichloromethane	7.12	83	56819	4.874 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	66578	4.824 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	376625	49.453 ug/L	99
42) Toluene	7.98	91	171798	4.791 ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	59905	4.893 ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	33390	5.092 ug/L	93
47) Tetrachloroethene	8.56	164	29635	4.921 ug/L	95
48) 2-Hexanone	8.69	43	278368	49.573 ug/L	99
49) Dibromochloromethane	8.82	129	37762	4.754 ug/L	98
50) 1,2-Dibromoethane	8.93	107	32912	4.940 ug/L	96
51) Chlorobenzene	9.45	112	106509	4.860 ug/L	98
52) Ethylbenzene	9.57	91	194374	4.904 ug/L	97
53) m,p-Xylene	9.70	106	72329	4.844 ug/L	97
54) o-Xylene	10.10	106	70802	4.870 ug/L	97
55) Styrene	10.11	104	119415	4.721 ug/L	99
56) Isopropylbenzene	10.48	105	191135	4.861 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	44194	4.842 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	31742	4.718 ug/L	97
61) Bromoform	10.29	173	21761	4.778 ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	82786	4.889 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	81763	4.813 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	80733	4.756 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	7910	5.275 ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	63174	4.985 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	55780	5.144 ug/L	95
69) Naphthalene	14.08	128	110922	5.083 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	51637	5.139 ug/L	99

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

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