Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082420\
Data File : VU039956.D
Acq On : 24 Aug 2020 19:00
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

Quant Time: Aug 25 02:06:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 25 02:02:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73561	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69205	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	36371	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27373	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.92	69	23216	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.40%			
11) 1,1-Dichloroethene-d2	2.58	63	55782	4.49	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.80%			
20) 2-Butanone-d5	4.66	46	84575	41.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.38%			
24) Chloroform-d	5.08	84	55711	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.72	65	31902	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.75	84	104993	5.10	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.00%			
36) 1,2-Dichloropropane-d6	6.70	67	33999	5.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.00%			
41) Toluene-d8	7.91	98	94760	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.00%			
43) trans-1,3-Dichloropropene-	8.19	79	13919	4.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.60%			
46) 2-Hexanone-d5	8.64	63	63836	44.11	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.22%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26342	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35547	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	36269	4.743	ug/L	97
3) Chloromethane	1.53	50	35915	4.152	ug/L	94
5) Vinyl chloride	1.61	62	37133	4.537	ug/L	96
6) Bromomethane	1.87	94	18696	4.001	ug/L	98
8) Chloroethane	1.94	64	23787	4.545	ug/L	95
9) Trichlorofluoromethane	2.15	101	59217	4.837	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	31192	4.632	ug/L	96
12) 1,1-Dichloroethene	2.59	96	27626	4.294	ug/L	91
13) Acetone	2.66	43	63195	45.039	ug/L #	49
14) Carbon disulfide	2.81	76	92664	4.456	ug/L	99
15) Methyl Acetate	2.97	43	15679	4.353	ug/L	98
16) Methylene chloride	3.06	84	36105	4.081	ug/L	97
17) Methyl tert-butyl Ether	3.39	73	80388	4.955	ug/L	97
18) trans-1,2-Dichloroethene	3.37	96	32494	4.863	ug/L	95
19) 1,1-Dichloroethane	3.89	63	63165	5.099	ug/L	98
21) 2-Butanone	4.73	43	104305	42.783	ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	34761	4.969	ug/L	99

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ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00508

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	15991	4.860	ug/L		93
25) Chloroform	5.11	83	66846	5.324	ug/L		99
27) 1,2-Dichloroethane	5.81	62	45344	5.147	ug/L	#	94
29) 1,1,1-Trichloroethane	5.33	97	56324	5.533	ug/L		98
30) Cyclohexane	5.41	56	53412	5.300	ug/L		99
31) Carbon tetrachloride	5.54	117	49406	5.497	ug/L		99
33) Benzene	5.79	78	132274	5.259	ug/L		100
34) Trichloroethene	6.56	95	33983	5.207	ug/L		96
35) Methylcyclohexane	6.77	83	50659	5.067	ug/L		96
37) 1,2-Dichloropropane	6.80	63	35907	5.372	ug/L	#	96
38) Bromodichloromethane	7.12	83	46842	5.515	ug/L		100
39) cis-1,3-Dichloropropene	7.62	75	48323	5.173	ug/L		96
40) 4-Methyl-2-pentanone	7.80	43	249494	47.137	ug/L		98
42) Toluene	7.98	91	138098	5.369	ug/L		95
44) trans-1,3-Dichloropropene	8.22	75	43559	4.963	ug/L		95
45) 1,1,2-Trichloroethane	8.41	97	25081	4.939	ug/L		95
47) Tetrachloroethene	8.56	164	26853	5.577	ug/L		93
48) 2-Hexanone	8.69	43	179768	47.395	ug/L		99
49) Dibromochloromethane	8.82	129	31455	5.188	ug/L		97
50) 1,2-Dibromoethane	8.93	107	23483	4.856	ug/L	#	100
51) Chlorobenzene	9.45	112	85857	5.112	ug/L		97
52) Ethylbenzene	9.57	91	149388	5.340	ug/L		99
53) m,p-Xylene	9.70	106	56174	5.231	ug/L		98
54) o-Xylene	10.10	106	53258	5.246	ug/L		92
55) Styrene	10.11	104	92970	5.283	ug/L		99
56) Isopropylbenzene	10.48	105	145602	5.351	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	29858	4.553	ug/L		95
59) 1,2,3-Trichloropropane	10.82	75	21473	4.484	ug/L		95
61) Bromoform	10.29	173	16990	5.304	ug/L		100
62) 1,3-Dichlorobenzene	11.74	146	70002	5.198	ug/L		99
63) 1,4-Dichlorobenzene	11.83	146	70526	5.144	ug/L		99
65) 1,2-Dichlorobenzene	12.21	146	65063	5.006	ug/L		99
66) 1,2-Dibromo-3-chloropropan	12.99	75	5066	4.767	ug/L	#	75
67) 1,3,5-Trichlorobenzene	13.21	180	53764	5.376	ug/L		95
68) 1,2,4-trichlorobenzene	13.83	180	45938	5.385	ug/L		99
69) Naphthalene	14.08	128	76713	4.868	ug/L		99
70) 1,2,3-Trichlorobenzene	14.32	180	42416	5.320	ug/L		97

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

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