Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052220\
Data File : VU038278.D
Acq On : 22 May 2020 13:11
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: May 22 22:17:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 12:07:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	366925	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	357082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	184074	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	130554	3.89	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.80%			
7) Chloroethane-d5	1.93	69	106386	3.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.20%			
11) 1,1-Dichloroethene-d2	2.59	63	256841	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.67	46	425799	51.42	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.84%			
24) Chloroform-d	5.10	84	249768	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.74	65	139189	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.40%			
32) Benzene-d6	5.76	84	510816	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.40%			
36) 1,2-Dichloropropane-d6	6.72	67	160032	4.63	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.60%			
41) Toluene-d8	7.92	98	474037	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	8.20	79	69417	5.02	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.40%			
46) 2-Hexanone-d5	8.66	63	332001	50.82	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.64%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	135362	4.97	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.40%			
64) 1,2-Dichlorobenzene-d4	12.21	152	180253	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	185755	5.535	ug/L	98
3) Chloromethane	1.53	50	165271	4.087	ug/L	98
5) Vinyl chloride	1.62	62	181644	4.584	ug/L	98
6) Bromomethane	1.87	94	83580	3.705	ug/L	98
8) Chloroethane	1.95	64	104482	4.286	ug/L	100
9) Trichlorofluoromethane	2.16	101	222150	5.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	137644	5.480	ug/L	98
12) 1,1-Dichloroethene	2.61	96	134682	5.289	ug/L	82
13) Acetone	2.66	43	273245	52.594	ug/L	98
14) Carbon disulfide	2.82	76	467211	5.144	ug/L	100
15) Methyl Acetate	2.98	43	70629	4.860	ug/L	97
16) Methylene chloride	3.08	84	148042	4.988	ug/L	97
17) Methyl tert-butyl Ether	3.40	73	357427	5.052	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	144841	5.210	ug/L	99
19) 1,1-Dichloroethane	3.91	63	265937	4.898	ug/L	99
21) 2-Butanone	4.75	43	480092	52.354	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	154380	5.153	ug/L	98

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Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: May 22 22:17:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 12:07:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.01	128	65354	5.069 ug/L	99
25) Chloroform	5.13	83	259106	5.116 ug/L	100
27) 1,2-Dichloroethane	5.83	62	178436	4.991 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	224240	5.481 ug/L	98
30) Cyclohexane	5.42	56	265000	5.486 ug/L	99
31) Carbon tetrachloride	5.56	117	187547	5.704 ug/L	99
33) Benzene	5.81	78	607480	5.313 ug/L	100
34) Trichloroethene	6.57	95	152177	5.321 ug/L	98
35) Methylcyclohexane	6.79	83	260521	5.623 ug/L	97
37) 1,2-Dichloropropane	6.82	63	152861	4.922 ug/L	98
38) Bromodichloromethane	7.13	83	185234	5.159 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	232290	5.226 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1106462	51.400 ug/L	99
42) Toluene	8.00	91	634880	5.260 ug/L	97
44) trans-1,3-Dichloropropene	8.23	75	197444	5.223 ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	111182	5.155 ug/L	97
47) Tetrachloroethene	8.58	164	111270	5.562 ug/L	98
48) 2-Hexanone	8.71	43	818777	51.937 ug/L	99
49) Dibromochloromethane	8.83	129	118603	5.299 ug/L	98
50) 1,2-Dibromoethane	8.95	107	107248	5.358 ug/L	98
51) Chlorobenzene	9.47	112	399299	5.330 ug/L	99
52) Ethylbenzene	9.59	91	717567	5.488 ug/L	99
53) m,p-Xylene	9.72	106	276334	5.511 ug/L	98
54) o-Xylene	10.12	106	265417	5.475 ug/L	99
55) Styrene	10.13	104	448780	5.515 ug/L	100
56) Isopropylbenzene	10.50	105	702060	5.638 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	140722	5.139 ug/L	94
59) 1,2,3-Trichloropropane	10.84	75	107594	5.161 ug/L	99
61) Bromoform	10.31	173	63899	5.136 ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	311572	5.202 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	313612	5.168 ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	295591	5.130 ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	23025	4.889 ug/L	84
67) 1,3,5-Trichlorobenzene	13.24	180	237242	5.459 ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	221016	5.607 ug/L	99
69) Naphthalene	14.12	128	452208	5.449 ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	200259	5.466 ug/L	99

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

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