Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039617.D
Acq On : 21 Jul 2020 23:05
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Jul 22 02:09:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	107110	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	103259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50452	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	24575	4.94	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 98.80%			
7) Chloroethane-d5	1.93	69	25028	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.58	63	60344	5.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.00%			
20) 2-Butanone-d5	4.66	46	120807	53.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.74%			
24) Chloroform-d	5.09	84	66542	5.28	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.60%			
26) 1,2-Dichloroethane-d4	5.72	65	41198	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
32) Benzene-d6	5.74	84	124411	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.71	67	41605	5.09	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.80%			
41) Toluene-d8	7.91	98	116550	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	8.19	79	16578	4.66	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.20%			
46) 2-Hexanone-d5	8.64	63	92398	53.19	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.38%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39579	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	48358	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	26599	5.077	ug/L	95
3) Chloromethane	1.53	50	30033	5.280	ug/L	99
5) Vinyl chloride	1.61	62	31572	5.173	ug/L	96
6) Bromomethane	1.87	94	19025	4.835	ug/L	98
8) Chloroethane	1.94	64	22820	4.523	ug/L	97
9) Trichlorofluoromethane	2.15	101	67517	5.237	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	29064	5.223	ug/L	97
12) 1,1-Dichloroethene	2.59	96	26755	5.282	ug/L	88
13) Acetone	2.68	43	70052	56.132	ug/L	98
14) Carbon disulfide	2.81	76	79201	5.197	ug/L	100
15) Methyl Acetate	2.98	43	16135	5.292	ug/L	99
16) Methylene chloride	3.06	84	34480	4.711	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	83980	5.216	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	29766	5.292	ug/L	98
19) 1,1-Dichloroethane	3.89	63	62453	5.414	ug/L	98
21) 2-Butanone	4.74	43	113707	52.598	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	34302	5.236	ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 22 02:01:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	15655	5.145 ug/L	91
25) Chloroform	5.11	83	68528	5.210 ug/L	99
27) 1,2-Dichloroethane	5.81	62	46303	5.177 ug/L	96
29) 1,1,1-Trichloroethane	5.34	97	56328	5.163 ug/L	97
30) Cyclohexane	5.40	56	51328	5.342 ug/L	96
31) Carbon tetrachloride	5.55	117	48361	5.181 ug/L	99
33) Benzene	5.79	78	130365	5.254 ug/L	100
34) Trichloroethene	6.56	95	35416	5.183 ug/L	96
35) Methylcyclohexane	6.78	83	48736	4.855 ug/L	98
37) 1,2-Dichloropropane	6.81	63	36691	5.313 ug/L	99
38) Bromodichloromethane	7.12	83	46870	5.158 ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	50006	5.041 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	279383	51.827 ug/L	100
42) Toluene	7.98	91	143611	5.287 ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	44419	4.903 ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	26995	5.149 ug/L	98
47) Tetrachloroethene	8.56	164	23271	4.979 ug/L	93
48) 2-Hexanone	8.69	43	210872	52.849 ug/L	98
49) Dibromochloromethane	8.82	129	32524	5.103 ug/L	99
50) 1,2-Dibromoethane	8.93	107	26339	5.127 ug/L	98
51) Chlorobenzene	9.45	112	95626	5.501 ug/L	98
52) Ethylbenzene	9.57	91	162614	5.263 ug/L	100
53) m,p-Xylene	9.70	106	61144	5.303 ug/L	97
54) o-Xylene	10.10	106	59410	5.276 ug/L	97
55) Styrene	10.11	104	100546	5.318 ug/L	99
56) Isopropylbenzene	10.48	105	160258	5.214 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	35472	5.232 ug/L	97
59) 1,2,3-Trichloropropane	10.83	75	26095	5.151 ug/L	97
61) Bromoform	10.29	173	17664	4.944 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	70451	5.139 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	70789	5.129 ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	69635	5.259 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	5940	5.868 ug/L #	93
67) 1,3,5-Trichlorobenzene	13.21	180	50637	5.132 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	42128	5.199 ug/L	99
69) Naphthalene	14.08	128	71456	5.208 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	39912	5.544 ug/L	95

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

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