Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041602.D
Acq On : 14 Dec 2020 10:33
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Dec 14 12:40:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 14 12:40:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140385	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	74463	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	53249	4.85	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.00%			
7) Chloroethane-d5	1.92	69	41755	4.91	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.20%			
11) 1,1-Dichloroethene-d2	2.58	63	100002	4.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.00%			
20) 2-Butanone-d5	4.65	46	167142	53.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.04%			
24) Chloroform-d	5.08	84	94831	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.71	65	53504	5.02	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.40%			
32) Benzene-d6	5.74	84	194530	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.70	67	59927	4.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.80%			
41) Toluene-d8	7.90	98	179554	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.80%			
43) trans-1,3-Dichloropropene-	8.18	79	28201	5.17	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.40%			
46) 2-Hexanone-d5	8.64	63	147659	49.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.00%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	57122	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	65260	4.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	61263	5.151	ug/L	99
3) Chloromethane	1.53	50	56059	4.852	ug/L	98
5) Vinyl chloride	1.61	62	63090	4.945	ug/L	98
6) Bromomethane	1.87	94	43203	5.416	ug/L	100
8) Chloroethane	1.94	64	37927	4.376	ug/L	95
9) Trichlorofluoromethane	2.15	101	86231	5.340	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50552	5.234	ug/L	96
12) 1,1-Dichloroethene	2.59	96	47554	4.994	ug/L	92
13) Acetone	2.66	43	104527	52.125	ug/L	97
14) Carbon disulfide	2.81	76	168522	5.120	ug/L	100
15) Methyl Acetate	2.97	43	26763	5.134	ug/L	97
16) Methylene chloride	3.06	84	55924	4.917	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	131953	5.193	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	51891	5.268	ug/L	95
19) 1,1-Dichloroethane	3.89	63	92580	5.029	ug/L	99
21) 2-Butanone	4.73	43	177061	54.208	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	55339	5.083	ug/L	99

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

Instrument : MSVOA_U
ClientSampleId : VSTD00514

Quant Time: Dec 14 12:40:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 14 12:40:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	26481	5.295 ug/L	97
25) Chloroform	5.10	83	94964	5.122 ug/L	98
27) 1,2-Dichloroethane	5.81	62	66309	5.281 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	82052	5.285 ug/L	98
30) Cyclohexane	5.40	56	85685	4.924 ug/L	96
31) Carbon tetrachloride	5.54	117	72250	5.382 ug/L	100
33) Benzene	5.79	78	219267	5.072 ug/L	100
34) Trichloroethene	6.55	95	56615	5.211 ug/L	94
35) Methylcyclohexane	6.77	83	92240	5.252 ug/L	98
37) 1,2-Dichloropropane	6.80	63	54838	4.959 ug/L	98
38) Bromodichloromethane	7.11	83	70998	5.161 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	84880	5.180 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	405910	51.585 ug/L	99
42) Toluene	7.97	91	231306	5.182 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	78115	5.331 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	43919	5.370 ug/L	96
47) Tetrachloroethene	8.56	164	40979	5.388 ug/L	98
48) 2-Hexanone	8.69	43	306960	53.602 ug/L	99
49) Dibromochloromethane	8.81	129	50853	5.414 ug/L	98
50) 1,2-Dibromoethane	8.93	107	42507	5.255 ug/L	98
51) Chlorobenzene	9.45	112	147337	5.310 ug/L	99
52) Ethylbenzene	9.57	91	246545	5.187 ug/L	100
53) m,p-Xylene	9.69	106	96105	5.422 ug/L	99
54) o-Xylene	10.10	106	91934	5.295 ug/L	98
55) Styrene	10.11	104	159607	5.322 ug/L	94
56) Isopropylbenzene	10.48	105	244151	5.283 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	59342	5.215 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	44134	5.314 ug/L	97
61) Bromoform	10.29	173	30171	5.360 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	121386	5.330 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	118984	5.196 ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	114603	5.139 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10651	5.093 ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	90485	5.234 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	75222	5.185 ug/L	98
69) Naphthalene	14.07	128	148011	4.929 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	69778	5.047 ug/L	99

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

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