Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041133.D
Acq On : 09 Nov 2020 09:58
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

Quant Time: Nov 10 01:04:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Nov 09 11:46:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31624	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17152	3.52	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.40%			
7) Chloroethane-d5	1.92	69	14900	3.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.60%			
11) 1,1-Dichloroethene-d2	2.58	63	37205	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 77.80%			
20) 2-Butanone-d5	4.65	46	87524	54.52	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.04%			
24) Chloroform-d	5.08	84	43419	5.04	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.80%			
26) 1,2-Dichloroethane-d4	5.72	65	26986	5.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.00%			
32) Benzene-d6	5.74	84	73432	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.70	67	26475	5.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.20%			
41) Toluene-d8	7.90	98	68989	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	8.18	79	11142	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.64	63	63938	53.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.80%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24892	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	28095	5.06	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	26512	5.004	ug/L	98
3) Chloromethane	1.53	50	25542	4.624	ug/L	98
5) Vinyl chloride	1.61	62	26518	4.866	ug/L	100
6) Bromomethane	1.87	94	14586	4.669	ug/L	98
8) Chloroethane	1.94	64	14738	4.268	ug/L	98
9) Trichlorofluoromethane	2.15	101	38586	5.209	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21904	5.045	ug/L	98
12) 1,1-Dichloroethene	2.59	96	18879	4.606	ug/L	98
13) Acetone	2.66	43	56953	51.888	ug/L #	61
14) Carbon disulfide	2.81	76	57466	4.195	ug/L	100
15) Methyl Acetate	2.97	43	12338	4.913	ug/L	93
16) Methylene chloride	3.06	84	22574	4.726	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	52248	4.953	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	19737	4.738	ug/L	95
19) 1,1-Dichloroethane	3.89	63	41228	4.950	ug/L	99
21) 2-Butanone	4.73	43	88449	51.560	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	21564	5.018	ug/L	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00521

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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	11007	5.430 ug/L	93
25) Chloroform	5.11	83	44967	5.384 ug/L	97
27) 1,2-Dichloroethane	5.81	62	32518	5.228 ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	38463	5.338 ug/L	96
30) Cyclohexane	5.40	56	31127	4.384 ug/L	98
31) Carbon tetrachloride	5.54	117	33471	5.245 ug/L	97
33) Benzene	5.79	78	87084	4.946 ug/L	100
34) Trichloroethene	6.55	95	22542	5.031 ug/L	97
35) Methylcyclohexane	6.77	83	31138	4.659 ug/L	99
37) 1,2-Dichloropropane	6.80	63	24600	5.164 ug/L	98
38) Bromodichloromethane	7.11	83	32575	5.272 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	33193	5.061 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	199274	52.464 ug/L	98
42) Toluene	7.97	91	91718	5.138 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	32395	5.278 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	18953	5.345 ug/L	95
47) Tetrachloroethene	8.56	164	17653	5.358 ug/L	94
48) 2-Hexanone	8.69	43	154392	53.983 ug/L	98
49) Dibromochloromethane	8.81	129	22979	5.580 ug/L	96
50) 1,2-Dibromoethane	8.93	107	17728	5.246 ug/L	96
51) Chlorobenzene	9.45	112	58355	5.155 ug/L	97
52) Ethylbenzene	9.57	91	94320	5.019 ug/L	99
53) m,p-Xylene	9.69	106	36373	5.307 ug/L	96
54) o-Xylene	10.10	106	34167	5.353 ug/L	95
55) Styrene	10.11	104	61955	5.448 ug/L	97
56) Isopropylbenzene	10.48	105	93789	5.465 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	23525	5.051 ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	19109	5.382 ug/L	98
61) Bromoform	10.29	173	13159	5.399 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	49846	5.460 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	49031	5.186 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	47745	5.300 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	4289	4.858 ug/L	98
67) 1,3,5-Trichlorobenzene	13.21	180	34298	5.372 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	27991	5.293 ug/L	96
69) Naphthalene	14.08	128	43993	4.652 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	26064	5.347 ug/L	98

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

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