Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101220\
Data File : VU040649.D
Acq On : 12 Oct 2020 10:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Oct 13 04:30:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 12 12:05:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133604	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	135367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70336	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	47679	4.31	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.20%			
7) Chloroethane-d5	1.92	69	39726	4.65	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.00%			
11) 1,1-Dichloroethene-d2	2.58	63	99158	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.60%			
20) 2-Butanone-d5	4.66	46	187427	52.91	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.82%			
24) Chloroform-d	5.08	84	95254	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.72	65	58304	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
32) Benzene-d6	5.74	84	173761	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.20%			
36) 1,2-Dichloropropane-d6	6.70	67	58925	4.86	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.20%			
41) Toluene-d8	7.90	98	156398	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloropropene-	8.18	79	24864	4.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.80%			
46) 2-Hexanone-d5	8.64	63	139220	52.62	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.24%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54640	5.03	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	59558	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	60930	5.033	ug/L	98
3) Chloromethane	1.53	50	51074	4.512	ug/L	97
5) Vinyl chloride	1.61	62	56056	4.702	ug/L	100
6) Bromomethane	1.87	94	26923	4.159	ug/L	97
8) Chloroethane	1.94	64	36889	4.860	ug/L	96
9) Trichlorofluoromethane	2.15	101	82730	4.833	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	54049	4.863	ug/L	98
12) 1,1-Dichloroethene	2.59	96	46210	4.847	ug/L	92
13) Acetone	2.67	43	138076	50.282	ug/L	100
14) Carbon disulfide	2.81	76	120098	4.501	ug/L	98
15) Methyl Acetate	2.97	43	29427	4.693	ug/L	96
16) Methylene chloride	3.06	84	56049	4.579	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	133053	4.936	ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	48707	4.881	ug/L	95
19) 1,1-Dichloroethane	3.89	63	103864	5.033	ug/L	98
21) 2-Butanone	4.74	43	217122	50.715	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	54376	5.053	ug/L	94

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	26425	4.943 ug/L	94
25) Chloroform	5.10	83	109854	5.214 ug/L	99
27) 1,2-Dichloroethane	5.81	62	75613	5.070 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	88508	4.866 ug/L	99
30) Cyclohexane	5.40	56	79127	4.720 ug/L	99
31) Carbon tetrachloride	5.54	117	77373	4.970 ug/L	100
33) Benzene	5.79	78	213035	4.898 ug/L	100
34) Trichloroethene	6.55	95	55327	4.908 ug/L	93
35) Methylcyclohexane	6.77	83	76248	4.770 ug/L	98
37) 1,2-Dichloropropane	6.80	63	60631	5.004 ug/L	99
38) Bromodichloromethane	7.11	83	77344	4.993 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	83333	5.033 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	484983	50.202 ug/L	100
42) Toluene	7.97	91	227027	5.123 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	76896	5.045 ug/L	94
45) 1,1,2-Trichloroethane	8.40	97	44619	4.917 ug/L	99
47) Tetrachloroethene	8.56	164	41185	5.121 ug/L	95
48) 2-Hexanone	8.69	43	373269	51.897 ug/L	98
49) Dibromochloromethane	8.81	129	53471	5.121 ug/L	94
50) 1,2-Dibromoethane	8.93	107	42058	4.886 ug/L	99
51) Chlorobenzene	9.45	112	144240	4.941 ug/L	99
52) Ethylbenzene	9.57	91	241552	5.037 ug/L	98
53) m,p-Xylene	9.69	106	90290	5.165 ug/L	100
54) o-Xylene	10.10	106	84996	5.056 ug/L	96
55) Styrene	10.11	104	156753	5.369 ug/L	100
56) Isopropylbenzene	10.48	105	234159	5.174 ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	58479	4.908 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	44225	4.969 ug/L	98
61) Bromoform	10.29	173	29941	4.966 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	117864	5.120 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	119536	5.036 ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	112387	4.994 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10133	5.142 ug/L	95
67) 1,3,5-Trichlorobenzene	13.21	180	81568	4.994 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	64234	5.090 ug/L	98
69) Naphthalene	14.08	128	100327	4.860 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	60352	5.150 ug/L	99

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

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