Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121020\
Data File : VU041571.D
Acq On : 11 Dec 2020 06:08
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00511

Quant Time: Dec 11 07:37:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	36579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	34976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21148	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	10036	5.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.80%			
7) Chloroethane-d5	1.92	69	9198	5.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 111.60%			
11) 1,1-Dichloroethene-d2	2.58	63	26032	5.72	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.40%			
20) 2-Butanone-d5	4.66	46	26821	38.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 76.14%			
24) Chloroform-d	5.08	84	27263	5.25	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.00%			
26) 1,2-Dichloroethane-d4	5.72	65	18461	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.00%			
32) Benzene-d6	5.74	84	39165	5.03	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.60%			
36) 1,2-Dichloropropane-d6	6.70	67	12289	5.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.80%			
41) Toluene-d8	7.91	98	41152	5.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.80%			
43) trans-1,3-Dichloropropene-	8.19	79	6550	4.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.00%			
46) 2-Hexanone-d5	8.64	63	19916	35.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 70.90%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10277	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	18723	5.18	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	17834	5.507	ug/L	99
3) Chloromethane	1.53	50	9247	4.417	ug/L	95
5) Vinyl chloride	1.61	62	12032	4.821	ug/L	93
6) Bromomethane	1.87	94	10268	5.951	ug/L	93
8) Chloroethane	1.94	64	8054	4.961	ug/L	94
9) Trichlorofluoromethane	2.15	101	34864	6.270	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	13684	5.491	ug/L	95
12) 1,1-Dichloroethene	2.59	96	11744	5.484	ug/L	100
13) Acetone	2.67	43	21666	39.501	ug/L	96
14) Carbon disulfide	2.81	76	28631	4.338	ug/L	96
15) Methyl Acetate	2.97	43	3855	3.841	ug/L	94
16) Methylene chloride	3.06	84	11327	3.963	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	31560	4.857	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	11058	5.113	ug/L	88
19) 1,1-Dichloroethane	3.89	63	19735	4.939	ug/L	99
21) 2-Butanone	4.74	43	28217	41.114	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	11920	4.970	ug/L	93

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ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	6514	5.197 ug/L	89
25) Chloroform	5.11	83	26213	5.149 ug/L	94
27) 1,2-Dichloroethane	5.81	62	22298	5.605 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	28649	5.716 ug/L	99
30) Cyclohexane	5.40	56	13248	4.204 ug/L #	84
31) Carbon tetrachloride	5.54	117	27633	5.953 ug/L	99
33) Benzene	5.79	78	42410	4.898 ug/L	100
34) Trichloroethene	6.55	95	15929	6.096 ug/L	95
35) Methylcyclohexane	6.77	83	20146	5.652 ug/L	96
37) 1,2-Dichloropropane	6.80	63	11760	5.797 ug/L	100
38) Bromodichloromethane	7.11	83	23375	6.307 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	17009	4.641 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	63722	39.204 ug/L #	96
42) Toluene	7.98	91	50631	5.196 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	18117	4.950 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	9615	4.915 ug/L	97
47) Tetrachloroethene	8.56	164	11931	5.781 ug/L	97
48) 2-Hexanone	8.69	43	51013	39.058 ug/L	97
49) Dibromochloromethane	8.82	129	14775	5.543 ug/L	96
50) 1,2-Dibromoethane	8.93	107	9569	4.849 ug/L	96
51) Chlorobenzene	9.45	112	34093	5.251 ug/L	99
52) Ethylbenzene	9.57	91	58030	5.197 ug/L	99
53) m,p-Xylene	9.69	106	21966	5.419 ug/L	95
54) o-Xylene	10.10	106	21442	5.457 ug/L	99
55) Styrene	10.11	104	38465	5.764 ug/L	95
56) Isopropylbenzene	10.48	105	60679	5.470 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	10516	4.376 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	9380	4.765 ug/L	100
61) Bromoform	10.29	173	9577	5.390 ug/L	97
62) 1,3-Dichlorobenzene	11.74	146	31937	5.359 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	31860	5.214 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	30756	5.212 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	2589	4.479 ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	24711	5.189 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	19865	5.211 ug/L	100
69) Naphthalene	14.08	128	27024	4.512 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	17523	5.194 ug/L	98

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

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