Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101620\
Data File : VU040738.D
Acq On : 16 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 : VSTD00513

Quant Time: Oct 16 23:31:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 11:10:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61923	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	46779	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.92	69	42130	5.54	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 110.80%			
11) 1,1-Dichloroethene-d2	2.58	63	101195	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 105.00%			
20) 2-Butanone-d5	4.66	46	179334	56.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.58%			
24) Chloroform-d	5.08	84	99890	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.40%			
26) 1,2-Dichloroethane-d4	5.72	65	58445	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
32) Benzene-d6	5.74	84	180233	5.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.20%			
36) 1,2-Dichloropropane-d6	6.70	67	59339	5.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.20%			
41) Toluene-d8	7.90	98	166585	5.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.60%			
43) trans-1,3-Dichloropropene-	8.19	79	23404	5.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 101.60%			
46) 2-Hexanone-d5	8.64	63	128343	54.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.14%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53277	5.46	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	60800	5.30	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	50936	4.720	ug/L	99
3) Chloromethane	1.53	50	45948	4.553	ug/L	94
5) Vinyl chloride	1.61	62	50819	4.782	ug/L	88
6) Bromomethane	1.87	94	22836	3.957	ug/L	96
8) Chloroethane	1.94	64	33443	4.942	ug/L	95
9) Trichlorofluoromethane	2.15	101	78256	5.128	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50210	5.068	ug/L	97
12) 1,1-Dichloroethene	2.59	96	43912	5.167	ug/L	96
13) Acetone	2.67	43	118747	48.509	ug/L	99
14) Carbon disulfide	2.81	76	103030	4.331	ug/L	99
15) Methyl Acetate	2.97	43	28336	5.069	ug/L	98
16) Methylene chloride	3.06	84	57219	5.244	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	123361	5.134	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	44252	4.975	ug/L	99
19) 1,1-Dichloroethane	3.89	63	99808	5.425	ug/L	99
21) 2-Butanone	4.74	43	194565	50.980	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	51079	5.325	ug/L	95

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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 : VSTD00513

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 16 11:10:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	24769	5.197 ug/L	98
25) Chloroform	5.11	83	106762	5.684 ug/L	98
27) 1,2-Dichloroethane	5.81	62	70454	5.299 ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	87282	5.349 ug/L	98
30) Cyclohexane	5.40	56	69359	4.612 ug/L	99
31) Carbon tetrachloride	5.54	117	74010	5.300 ug/L	98
33) Benzene	5.79	78	202812	5.198 ug/L	100
34) Trichloroethene	6.55	95	52001	5.142 ug/L	95
35) Methylcyclohexane	6.77	83	63966	4.460 ug/L	100
37) 1,2-Dichloropropane	6.80	63	56327	5.182 ug/L	100
38) Bromodichloromethane	7.11	83	77634	5.587 ug/L	96
39) cis-1,3-Dichloropropene	7.62	75	70934	4.776 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	444221	51.258 ug/L	100
42) Toluene	7.98	91	212357	5.342 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	68094	4.980 ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	42499	5.220 ug/L	97
47) Tetrachloroethene	8.56	164	37193	5.155 ug/L	97
48) 2-Hexanone	8.69	43	338510	52.464 ug/L	99
49) Dibromochloromethane	8.81	129	51865	5.537 ug/L	93
50) 1,2-Dibromoethane	8.93	107	39463	5.110 ug/L	99
51) Chlorobenzene	9.45	112	136013	5.194 ug/L	97
52) Ethylbenzene	9.57	91	220197	5.118 ug/L	100
53) m,p-Xylene	9.70	106	82826	5.281 ug/L	99
54) o-Xylene	10.10	106	78739	5.221 ug/L	96
55) Styrene	10.11	104	146384	5.589 ug/L	98
56) Isopropylbenzene	10.48	105	212865	5.243 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	55276	5.171 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	40927	5.126 ug/L	100
61) Bromoform	10.29	173	29105	5.483 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	109295	5.393 ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	111188	5.320 ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	105169	5.308 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	9285	5.352 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	72659	5.053 ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	56344	5.071 ug/L	99
69) Naphthalene	14.08	128	88048	4.844 ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	54928	5.324 ug/L	97

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

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