Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090120\
Data File : VU040009.D
Acq On : 01 Sep 2020 10:59
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Sep 01 17:17:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 01 12:38:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107296	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53530	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	31340	5.32	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.40%			
7) Chloroethane-d5	1.92	69	28046	5.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 114.40%			
11) 1,1-Dichloroethene-d2	2.58	63	81255	5.38	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 107.60%			
20) 2-Butanone-d5	4.66	46	148145	62.90	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 125.80%			
24) Chloroform-d	5.08	84	76887	5.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 111.80%			
26) 1,2-Dichloroethane-d4	5.72	65	46621	5.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.80%			
32) Benzene-d6	5.74	84	140602	5.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.20%			
36) 1,2-Dichloropropane-d6	6.70	67	44062	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.90	98	128485	5.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.60%			
43) trans-1,3-Dichloropropene-	8.19	79	20298	5.35	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.00%			
46) 2-Hexanone-d5	8.64	63	112488	62.61	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 125.22%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41775	5.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 117.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	47135	5.44	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	49957	4.668	ug/L	97
3) Chloromethane	1.53	50	53383	5.210	ug/L	99
5) Vinyl chloride	1.61	62	54394	5.236	ug/L	98
6) Bromomethane	1.86	94	29708	5.595	ug/L	94
8) Chloroethane	1.94	64	31361	5.023	ug/L	98
9) Trichlorofluoromethane	2.15	101	77577	5.213	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	49478	5.129	ug/L	97
12) 1,1-Dichloroethene	2.59	96	43953	5.266	ug/L	94
13) Acetone	2.67	43	118551	54.375	ug/L	99
14) Carbon disulfide	2.81	76	130031	4.859	ug/L	99
15) Methyl Acetate	2.97	43	28359	5.183	ug/L	96
16) Methylene chloride	3.06	84	54899	5.023	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	127726	5.078	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	45394	5.056	ug/L	94
19) 1,1-Dichloroethane	3.89	63	93020	5.034	ug/L	100
21) 2-Butanone	4.74	43	194008	54.505	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	48856	5.061	ug/L	99

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Acq On : 01 Sep 2020 10:59
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00516

Quant Time: Sep 01 17:17:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 01 12:38:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	22435	5.304 ug/L	98
25) Chloroform	5.10	83	96162	5.081 ug/L	97
27) 1,2-Dichloroethane	5.81	62	70615	5.093 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	83457	4.954 ug/L	99
30) Cyclohexane	5.40	56	78871	4.828 ug/L	99
31) Carbon tetrachloride	5.54	117	70240	4.872 ug/L	97
33) Benzene	5.79	78	192231	5.008 ug/L	100
34) Trichloroethene	6.55	95	52283	5.078 ug/L	95
35) Methylcyclohexane	6.77	83	77240	4.899 ug/L	97
37) 1,2-Dichloropropane	6.80	63	53515	5.149 ug/L	99
38) Bromodichloromethane	7.12	83	69998	4.933 ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	76281	4.977 ug/L	95
40) 4-Methyl-2-pentanone	7.80	43	464024	54.413 ug/L	99
42) Toluene	7.97	91	203058	5.137 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	71666	5.046 ug/L	98
45) 1,1,2-Trichloroethane	8.41	97	39243	5.183 ug/L	97
47) Tetrachloroethene	8.56	164	33091	4.893 ug/L	98
48) 2-Hexanone	8.69	43	340540	54.745 ug/L	99
49) Dibromochloromethane	8.81	129	45307	4.985 ug/L	100
50) 1,2-Dibromoethane	8.93	107	37557	5.145 ug/L	97
51) Chlorobenzene	9.45	112	125704	5.122 ug/L	97
52) Ethylbenzene	9.57	91	226535	5.044 ug/L	99
53) m,p-Xylene	9.69	106	81879	5.120 ug/L	99
54) o-Xylene	10.10	106	79229	5.199 ug/L	99
55) Styrene	10.12	104	142829	5.390 ug/L	99
56) Isopropylbenzene	10.48	105	219459	5.281 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	51713	5.326 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	41637	5.407 ug/L	97
61) Bromoform	10.29	173	24231	4.935 ug/L	95
62) 1,3-Dichlorobenzene	11.74	146	99176	5.069 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	100458	5.074 ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	97003	5.124 ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.99	75	10253	5.064 ug/L	88
67) 1,3,5-Trichlorobenzene	13.21	180	69542	5.055 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	57842	4.881 ug/L	99
69) Naphthalene	14.08	128	121566	4.922 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	54856	5.040 ug/L	96

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

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