Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102920\
Data File : VU041013.D
Acq On : 29 Oct 2020 12:31
Operator : SY/MD
Sample : L4485-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
MMDadoda
10/29/2020 2:59:33 PM

Quant Time: Oct 29 13:46:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 12:31:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110520	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111720	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	48057	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	34819	4.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.60%			
7) Chloroethane-d5	1.92	69	29476	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.58	65	16842	4.68	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.60%			
20) 2-Butanone-d5	4.67	46	165900	53.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.08%			
24) Chloroform-d	5.08	84	73152	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
26) 1,2-Dichloroethane-d4	5.72	65	47588	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.75	84	129466	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
36) 1,2-Dichloropropane-d6	6.70	67	47784	5.02	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.40%			
41) Toluene-d8	7.91	98	106197	4.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%			
43) trans-1,3-Dichloropropene-	8.19	79	18927	4.74	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.80%			
46) 2-Hexanone-d5	8.64	63	111473	51.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.62%			
56) 1,1,2,2-Tetrachloroethane-	10.75	84	43540	4.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.80%			
66) 1,2-Dichlorobenzene-d4	12.19	152	41833	5.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2123	0.225	ug/L	90
3) Chloromethane	1.53	50	2688	0.272	ug/L	87
5) Vinyl chloride	1.61	62	2577	0.264	ug/L #	73
6) Bromomethane	1.87	94	1391	0.267	ug/L	89
8) Chloroethane	1.94	64	1937m	0.310	ug/L	
9) Trichlorofluoromethane	2.15	101	3290	0.243	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2201	0.280	ug/L #	88
12) 1,1-Dichloroethene	2.59	96	2289	0.306	ug/L #	1
13) Acetone	2.71	43	5767m	2.970	ug/L	
14) Carbon disulfide	2.81	76	5920	0.249	ug/L	98
15) Methyl Acetate	2.97	43	1303m	0.287	ug/L	
16) Methylene chloride	3.06	84	3702	0.414	ug/L	90
17) Methyl tert-butyl Ether	3.38	73	4879	0.250	ug/L #	80
18) trans-1,2-Dichloroethene	3.37	96	1878	0.248	ug/L	90
19) 1,1-Dichloroethane	3.89	63	3998	0.255	ug/L	93
21) 2-Butanone	4.76	43	8846m	2.808	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	2105	0.260	ug/L	96

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Quant Time: Oct 29 13:46:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	968m	0.251 ug/L		
25) Chloroform	5.11	83	4953	0.309 ug/L		98
27) 1,2-Dichloroethane	5.81	62	2989	0.255 ug/L		99
29) 1,1,1-Trichloroethane	5.33	97	3367	0.243 ug/L		98
30) Cyclohexane	5.40	56	2681	0.209 ug/L	#	83
31) Carbon tetrachloride	5.55	117	2935	0.248 ug/L		98
33) Benzene	5.79	78	8008	0.246 ug/L		100
34) Trichloroethene	6.55	95	2182	0.252 ug/L		91
35) Methylcyclohexane	6.77	83	2712	0.225 ug/L		95
37) 1,2-Dichloropropane	6.81	63	2139	0.232 ug/L	#	89
38) Bromodichloromethane	7.11	83	2611	0.227 ug/L		94
39) cis-1,3-Dichloropropene	7.62	75	2908	0.238 ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	15832	2.273 ug/L	#	89
42) Toluene	7.97	91	7647	0.233 ug/L		93
44) trans-1,3-Dichloropropene	8.21	75	3745	0.329 ug/L	#	79
45) 1,1,2-Trichloroethane	8.41	97	1632	0.248 ug/L	#	88
47) Tetrachloroethene	8.56	164	1663	0.277 ug/L		97
48) 2-Hexanone	8.69	43	15505	2.967 ug/L	#	98
49) Dibromochloromethane	8.82	129	1776	0.234 ug/L		82
50) 1,2-Dibromoethane	8.93	107	1288	0.209 ug/L	#	79
51) Chlorobenzene	9.45	112	4809	0.228 ug/L		88
52) Ethylbenzene	9.57	91	7669	0.225 ug/L		98
53) m,p-Xylene	9.69	106	2503	0.203 ug/L		63
54) o-Xylene	10.10	106	2439	0.207 ug/L		98
55) Styrene	10.11	104	3854	0.188 ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.78	83	2342	0.276 ug/L	#	85
59) Bromoform	10.29	173	959	0.256 ug/L	#	75
60) Isopropylbenzene	10.48	105	6117	0.219 ug/L		94
61) 1,2,3-Trichloropropane	10.82	75	1611	0.278 ug/L		96
62) 1,3,5-Trimethylbenzene	11.08	105	5069	0.226 ug/L		100
63) 1,2,4-Trimethylbenzene	11.46	105	4491	0.198 ug/L		97
64) 1,3-Dichlorobenzene	11.74	146	3576	0.257 ug/L		98
65) 1,4-Dichlorobenzene	11.83	146	3801	0.267 ug/L		96
67) 1,2-Dichlorobenzene	12.21	146	3515	0.261 ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.99	75	383	0.287 ug/L	#	70
69) 1,3,5-Trichlorobenzene	13.21	180	2434	0.255 ug/L		99
70) 1,2,4-trichlorobenzene	13.83	180	1844	0.229 ug/L		94
71) Naphthalene	14.08	128	2320	0.165 ug/L	#	92
72) 1,2,3-Trichlorobenzene	14.32	180	1762	0.234 ug/L	#	89

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

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