Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040021.D
Acq On : 02 Sep 2020 12:59
Operator : SY/MD
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
MMDadoda
9/4/2020 2:20:45 PM

Quant Time: Sep 03 01:52:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 03 01:16:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114749	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	114877	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52422	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	27932	4.46	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.20%				
7) Chloroethane-d5	1.92	69	24839	4.76	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.20%				
11) 1,1-Dichloroethene-d2	2.58	63	50479	3.14	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%				
20) 2-Butanone-d5	4.65	46	132784	52.99	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.98%				
24) Chloroform-d	5.08	84	67492	4.61	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%				
26) 1,2-Dichloroethane-d4	5.72	65	42641	4.72	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.40%				
32) Benzene-d6	5.74	84	124392	4.64	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.80%				
36) 1,2-Dichloropropane-d6	6.71	67	42615	4.82	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%				
41) Toluene-d8	7.91	98	108008	4.46	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.20%				
43) trans-1,3-Dichloropropene-	8.19	79	18469	4.55	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%				
46) 2-Hexanone-d5	8.64	63	96805	50.32	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.64%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37887	4.96	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.20%				
64) 1,2-Dichlorobenzene-d4	12.19	152	41946	4.94	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	2149	0.189	ug/L		98
3) Chloromethane	1.53	50	2467	0.226	ug/L		97
5) Vinyl chloride	1.61	62	2394	0.217	ug/L		86
6) Bromomethane	1.87	94	1314	0.233	ug/L		97
8) Chloroethane	1.94	64	1566	0.236	ug/L		91
9) Trichlorofluoromethane	2.15	101	3256	0.206	ug/L		92
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2440	0.238	ug/L	#	84
12) 1,1-Dichloroethene	2.59	96	2001	0.225	ug/L	#	1
13) Acetone	2.66	43	4765	2.054	ug/L		94
14) Carbon disulfide	2.81	76	5360	0.188	ug/L		98
15) Methyl Acetate	2.97	43	1114	0.191	ug/L	#	67
16) Methylene chloride	3.06	84	3765	0.324	ug/L		86
17) Methyl tert-butyl Ether	3.38	73	4988	0.186	ug/L		95
18) trans-1,2-Dichloroethene	3.38	96	1797	0.188	ug/L		75
19) 1,1-Dichloroethane	3.90	63	3892	0.198	ug/L		90
21) 2-Butanone	4.74	43	7063	1.865	ug/L		94
22) cis-1,2-Dichloroethene	4.69	96	1829	0.178	ug/L		66

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Quant Time: Sep 03 01:52:53 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 03 01:16:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	907m	0.202 ug/L		
25) Chloroform	5.11	83	6317	0.314 ug/L		97
27) 1,2-Dichloroethane	5.81	62	2949	0.200 ug/L	#	80
29) 1,1,1-Trichloroethane	5.33	97	3274	0.182 ug/L		95
30) Cyclohexane	5.41	56	3037	0.174 ug/L		95
31) Carbon tetrachloride	5.54	117	2858	0.185 ug/L		98
33) Benzene	5.79	78	8027	0.195 ug/L		100
34) Trichloroethene	6.55	95	1813	0.164 ug/L		91
35) Methylcyclohexane	6.77	83	2926	0.173 ug/L		94
37) 1,2-Dichloropropane	6.80	63	2571	0.231 ug/L	#	88
38) Bromodichloromethane	7.12	83	2841	0.187 ug/L		99
39) cis-1,3-Dichloropropene	7.62	75	2830	0.172 ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	15542	1.702 ug/L	#	90
42) Toluene	7.97	91	8033	0.190 ug/L		96
44) trans-1,3-Dichloropropene	8.22	75	2826	0.186 ug/L	#	30
45) 1,1,2-Trichloroethane	8.41	97	1389	0.171 ug/L		87
47) Tetrachloroethene	8.56	164	1347	0.186 ug/L		86
48) 2-Hexanone	8.69	43	15772	2.368 ug/L		93
49) Dibromochloromethane	8.82	129	1789	0.184 ug/L		98
50) 1,2-Dibromoethane	8.93	107	1562	0.200 ug/L	#	83
51) Chlorobenzene	9.45	112	4911	0.187 ug/L		92
52) Ethylbenzene	9.57	91	8321	0.173 ug/L		99
53) m,p-Xylene	9.69	106	2799	0.163 ug/L		99
54) o-Xylene	10.10	106	2318	0.142 ug/L		95
55) Styrene	10.11	104	4355	0.153 ug/L		94
56) Isopropylbenzene	10.48	105	7136	0.160 ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.78	83	2010	0.193 ug/L	#	95
59) 1,2,3-Trichloropropane	10.82	75	1611	0.195 ug/L		93
61) Bromoform	10.29	173	842	0.175 ug/L	#	94
62) 1,3-Dichlorobenzene	11.74	146	3286	0.171 ug/L	#	85
63) 1,4-Dichlorobenzene	11.83	146	3841	0.198 ug/L		94
65) 1,2-Dichlorobenzene	12.21	146	4122	0.222 ug/L		93
66) 1,2-Dibromo-3-chloropropan	12.99	75	272	0.137 ug/L	#	73
67) 1,3,5-Trichlorobenzene	13.21	180	2633	0.195 ug/L		95
68) 1,2,4-trichlorobenzene	13.83	180	2019	0.174 ug/L		96
69) Naphthalene	14.08	128	3423	0.142 ug/L	#	90
70) 1,2,3-Trichlorobenzene	14.32	180	1454	0.136 ug/L	#	79

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

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