Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040022.D
Acq On : 02 Sep 2020 13:23
Operator : SY/MD
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL07

Manual Integrations APPROVED
MMDadoda
9/4/2020 2:20:50 PM

Quant Time: Sep 03 01:56:49 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	113196	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	114777	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53976	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	26836	4.34	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.80%				
7) Chloroethane-d5	1.92	69	24791	4.81	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%				
11) 1,1-Dichloroethene-d2	2.58	63	48705	3.07	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.40%				
20) 2-Butanone-d5	4.66	46	127880	51.73	ug/L		0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.46%				
24) Chloroform-d	5.08	84	65761	4.55	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%				
26) 1,2-Dichloroethane-d4	5.72	65	42877	4.81	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.20%				
32) Benzene-d6	5.74	84	122941	4.59	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.80%				
36) 1,2-Dichloropropane-d6	6.70	67	39832	4.51	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%				
41) Toluene-d8	7.91	98	105064	4.34	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.80%				
43) trans-1,3-Dichloropropene-	8.19	79	16382	4.04	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%				
46) 2-Hexanone-d5	8.64	63	96003	49.95	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.90%				
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37006	4.85	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.00%				
64) 1,2-Dichlorobenzene-d4	12.19	152	40981	4.69	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	1993	0.177	ug/L		97
3) Chloromethane	1.53	50	2149	0.200	ug/L		97
5) Vinyl chloride	1.61	62	2207	0.202	ug/L	#	69
6) Bromomethane	1.87	94	1166	0.209	ug/L		92
8) Chloroethane	1.94	64	1603	0.245	ug/L		91
9) Trichlorofluoromethane	2.15	101	3350	0.214	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2542	0.251	ug/L	#	76
12) 1,1-Dichloroethene	2.59	96	2242	0.256	ug/L	#	1
13) Acetone	2.68	43	4435m	1.938	ug/L		
14) Carbon disulfide	2.81	76	5326	0.190	ug/L		100
15) Methyl Acetate	2.96	43	1150m	0.200	ug/L		
16) Methylene chloride	3.07	84	3775	0.329	ug/L		96
17) Methyl tert-butyl Ether	3.38	73	4719	0.179	ug/L	#	83
18) trans-1,2-Dichloroethene	3.38	96	1991	0.211	ug/L	#	77
19) 1,1-Dichloroethane	3.88	63	3511m	0.181	ug/L		
21) 2-Butanone	4.74	43	8415	2.252	ug/L		80
22) cis-1,2-Dichloroethene	4.69	96	2029	0.200	ug/L		94

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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
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	5.00	128	1002	0.226 ug/L #	69
25) Chloroform	5.11	83	6536	0.329 ug/L	94
27) 1,2-Dichloroethane	5.82	62	3125	0.215 ug/L #	93
29) 1,1,1-Trichloroethane	5.34	97	3361	0.187 ug/L #	73
30) Cyclohexane	5.41	56	2920	0.167 ug/L	97
31) Carbon tetrachloride	5.54	117	2964	0.192 ug/L	98
33) Benzene	5.79	78	7824	0.191 ug/L	100
34) Trichloroethene	6.55	95	2066	0.188 ug/L	95
35) Methylcyclohexane	6.77	83	2916	0.173 ug/L #	93
37) 1,2-Dichloropropane	6.80	63	2047	0.184 ug/L #	88
38) Bromodichloromethane	7.11	83	2754	0.181 ug/L	86
39) cis-1,3-Dichloropropene	7.61	75	3187	0.194 ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	16743	1.835 ug/L	96
42) Toluene	7.98	91	7638	0.181 ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	2843	0.187 ug/L #	14
45) 1,1,2-Trichloroethane	8.41	97	1393	0.172 ug/L #	76
47) Tetrachloroethene	8.56	164	1366	0.189 ug/L	93
48) 2-Hexanone	8.69	43	15183	2.282 ug/L	99
49) Dibromochloromethane	8.81	129	1808	0.186 ug/L	82
50) 1,2-Dibromoethane	8.92	107	1357	0.174 ug/L #	97
51) Chlorobenzene	9.45	112	5422	0.207 ug/L	92
52) Ethylbenzene	9.57	91	8795	0.183 ug/L	90
53) m,p-Xylene	9.70	106	3038	0.178 ug/L	83
54) o-Xylene	10.10	106	2688	0.165 ug/L	96
55) Styrene	10.11	104	4986	0.176 ug/L	89
56) Isopropylbenzene	10.48	105	7409	0.167 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	2258	0.217 ug/L #	75
59) 1,2,3-Trichloropropane	10.83	75	1758	0.213 ug/L	99
61) Bromoform	10.29	173	936	0.189 ug/L #	92
62) 1,3-Dichlorobenzene	11.74	146	3905	0.198 ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	4000	0.200 ug/L	92
65) 1,2-Dichlorobenzene	12.21	146	3866	0.203 ug/L	91
66) 1,2-Dibromo-3-chloropropan	12.99	75	395m	0.193 ug/L	
67) 1,3,5-Trichlorobenzene	13.21	180	2620m	0.189 ug/L	
68) 1,2,4-trichlorobenzene	13.83	180	2049	0.171 ug/L	97
69) Naphthalene	14.07	128	3520	0.141 ug/L #	78
70) 1,2,3-Trichlorobenzene	14.32	180	1906	0.174 ug/L	97

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

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