Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040018.D
Acq On : 02 Sep 2020 11:47
Operator : SY/MD
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
9/4/2020 2:20:30 PM

Quant Time: Sep 03 01:40:39 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	109317	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	108097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48668	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	28307	4.74	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.80%			
7) Chloroethane-d5	1.92	69	25187	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.40%			
11) 1,1-Dichloroethene-d2	2.58	63	51424	3.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.20%			
20) 2-Butanone-d5	4.66	46	133899	56.09	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.18%			
24) Chloroform-d	5.08	84	66739	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.72	65	44581	5.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.60%			
32) Benzene-d6	5.74	84	127685	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.20%			
36) 1,2-Dichloropropane-d6	6.70	67	42679	5.13	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.60%			
41) Toluene-d8	7.91	98	109300	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
43) trans-1,3-Dichloropropene-	8.19	79	17365	4.54	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.80%			
46) 2-Hexanone-d5	8.64	63	95315	52.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.32%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37151	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	42491	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2164	0.199	ug/L	98
3) Chloromethane	1.53	50	2431	0.234	ug/L	91
5) Vinyl chloride	1.61	62	2264	0.215	ug/L #	57
6) Bromomethane	1.87	94	1397	0.260	ug/L	74
8) Chloroethane	1.94	64	1537	0.243	ug/L	100
9) Trichlorofluoromethane	2.15	101	3044	0.202	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2195	0.224	ug/L #	87
12) 1,1-Dichloroethene	2.59	96	2047	0.242	ug/L #	1
13) Acetone	2.67	43	5011m	2.267	ug/L	
14) Carbon disulfide	2.81	76	5318	0.196	ug/L #	82
15) Methyl Acetate	2.98	43	1163	0.210	ug/L #	67
16) Methylene chloride	3.06	84	3960	0.357	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	4629	0.182	ug/L	94
18) trans-1,2-Dichloroethene	3.38	96	2090	0.230	ug/L	91
19) 1,1-Dichloroethane	3.89	63	3495	0.187	ug/L #	89
21) 2-Butanone	4.75	43	8718	2.416	ug/L	78
22) cis-1,2-Dichloroethene	4.69	96	2075	0.212	ug/L	75

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Quant Time: Sep 03 01:40:39 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)
23) Bromochloromethane	5.00	128	801	0.187 ug/L	#	82
25) Chloroform	5.11	83	6462	0.337 ug/L		83
27) 1,2-Dichloroethane	5.81	62	2747	0.195 ug/L	#	87
29) 1,1,1-Trichloroethane	5.33	97	3205	0.189 ug/L		94
30) Cyclohexane	5.41	56	2991	0.182 ug/L		88
31) Carbon tetrachloride	5.54	117	2988	0.206 ug/L		90
33) Benzene	5.79	78	7588	0.196 ug/L		100
34) Trichloroethene	6.55	95	1986	0.191 ug/L		87
35) Methylcyclohexane	6.78	83	2837	0.179 ug/L		94
37) 1,2-Dichloropropane	6.81	63	2072	0.198 ug/L	#	88
38) Bromodichloromethane	7.12	83	2850	0.199 ug/L	#	94
39) cis-1,3-Dichloropropene	7.62	75	2787	0.180 ug/L		84
40) 4-Methyl-2-pentanone	7.80	43	15886	1.849 ug/L	#	91
42) Toluene	7.98	91	7745	0.194 ug/L		98
44) trans-1,3-Dichloropropene	8.22	75	2637	0.184 ug/L	#	38
45) 1,1,2-Trichloroethane	8.41	97	1493	0.196 ug/L		89
47) Tetrachloroethene	8.56	164	1249	0.183 ug/L		80
48) 2-Hexanone	8.69	43	14148	2.258 ug/L		96
49) Dibromochloromethane	8.82	129	1996	0.218 ug/L		88
50) 1,2-Dibromoethane	8.92	107	1450	0.197 ug/L	#	92
51) Chlorobenzene	9.45	112	5491	0.222 ug/L		94
52) Ethylbenzene	9.57	91	8134	0.180 ug/L		97
53) m,p-Xylene	9.69	106	2914	0.181 ug/L		88
54) o-Xylene	10.10	106	2946	0.192 ug/L		94
55) Styrene	10.11	104	4941	0.185 ug/L		92
56) Isopropylbenzene	10.48	105	7172	0.171 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	2514	0.257 ug/L		91
59) 1,2,3-Trichloropropane	10.82	75	1646m	0.212 ug/L		
61) Bromoform	10.29	173	752	0.168 ug/L	#	77
62) 1,3-Dichlorobenzene	11.74	146	3859	0.217 ug/L		90
63) 1,4-Dichlorobenzene	11.83	146	3768	0.209 ug/L		100
65) 1,2-Dichlorobenzene	12.21	146	3516	0.204 ug/L		87
66) 1,2-Dibromo-3-chloropropan	12.99	75	336	0.183 ug/L		93
67) 1,3,5-Trichlorobenzene	13.21	180	2393	0.191 ug/L		97
68) 1,2,4-trichlorobenzene	13.83	180	2027	0.188 ug/L		90
69) Naphthalene	14.08	128	3877	0.173 ug/L	#	92
70) 1,2,3-Trichlorobenzene	14.32	180	1891	0.191 ug/L		89

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

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