Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040020.D
Acq On : 02 Sep 2020 12:35
Operator : SY/MD
Sample : MDL05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL05

Manual Integrations APPROVED
MMDadoda
9/4/2020 2:20:40 PM

Quant Time: Sep 03 01:51:11 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	118597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116746	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54315	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27346	4.22	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.40%			
7) Chloroethane-d5	1.92	69	25813	4.79	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.58	63	50828	3.06	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.20%			
20) 2-Butanone-d5	4.66	46	134549	51.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.90%			
24) Chloroform-d	5.08	84	65659	4.34	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.80%			
26) 1,2-Dichloroethane-d4	5.72	65	42131	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
32) Benzene-d6	5.75	84	122317	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.70	67	40423	4.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.00%			
41) Toluene-d8	7.91	98	106124	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17173	4.16	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.20%			
46) 2-Hexanone-d5	8.64	63	96467	49.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36886	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	41997	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2174	0.185	ug/L	94
3) Chloromethane	1.53	50	2619	0.232	ug/L	98
5) Vinyl chloride	1.61	62	2335	0.204	ug/L #	77
6) Bromomethane	1.87	94	1167	0.200	ug/L	95
8) Chloroethane	1.94	64	1649	0.240	ug/L	99
9) Trichlorofluoromethane	2.15	101	3296	0.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2503	0.236	ug/L #	67
12) 1,1-Dichloroethene	2.59	96	2003	0.218	ug/L #	1
13) Acetone	2.67	43	4904m	2.045	ug/L	
14) Carbon disulfide	2.81	76	5419	0.184	ug/L	100
15) Methyl Acetate	2.98	43	960	0.160	ug/L #	71
16) Methylene chloride	3.06	84	3992	0.332	ug/L	95
17) Methyl tert-butyl Ether	3.39	73	4918	0.178	ug/L #	92
18) trans-1,2-Dichloroethene	3.37	96	1746	0.177	ug/L	97
19) 1,1-Dichloroethane	3.89	63	3712	0.183	ug/L	90
21) 2-Butanone	4.74	43	8274	2.114	ug/L	79
22) cis-1,2-Dichloroethene	4.69	96	1949	0.184	ug/L	86

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Quant Time: Sep 03 01:51:11 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	917m	0.197 ug/L		
25) Chloroform	5.11	83	6525	0.314 ug/L		88
27) 1,2-Dichloroethane	5.81	62	3298	0.216 ug/L	#	91
29) 1,1,1-Trichloroethane	5.34	97	3184	0.174 ug/L		96
30) Cyclohexane	5.40	56	3226	0.181 ug/L		99
31) Carbon tetrachloride	5.54	117	3122	0.199 ug/L		83
33) Benzene	5.79	78	7744	0.185 ug/L		100
34) Trichloroethene	6.55	95	2270	0.203 ug/L		92
35) Methylcyclohexane	6.77	83	3099	0.181 ug/L	#	89
37) 1,2-Dichloropropane	6.80	63	2292	0.203 ug/L	#	88
38) Bromodichloromethane	7.11	83	3106	0.201 ug/L	#	92
39) cis-1,3-Dichloropropene	7.62	75	3024	0.181 ug/L		97
40) 4-Methyl-2-pentanone	7.80	43	16686	1.798 ug/L	#	89
42) Toluene	7.98	91	8472	0.197 ug/L		96
44) trans-1,3-Dichloropropene	8.22	75	3040	0.197 ug/L	#	40
45) 1,1,2-Trichloroethane	8.40	97	1681	0.204 ug/L		86
47) Tetrachloroethene	8.56	164	1444	0.196 ug/L		95
48) 2-Hexanone	8.69	43	15412	2.277 ug/L		97
49) Dibromochloromethane	8.82	129	1699	0.172 ug/L		90
50) 1,2-Dibromoethane	8.93	107	1452	0.183 ug/L	#	98
51) Chlorobenzene	9.45	112	5189	0.194 ug/L		95
52) Ethylbenzene	9.57	91	8760	0.179 ug/L		87
53) m,p-Xylene	9.69	106	3075	0.177 ug/L		91
54) o-Xylene	10.10	106	2827	0.171 ug/L		92
55) Styrene	10.11	104	4708	0.163 ug/L		99
56) Isopropylbenzene	10.48	105	7718	0.171 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.78	83	2353	0.223 ug/L		94
59) 1,2,3-Trichloropropane	10.82	75	1644m	0.196 ug/L		
61) Bromoform	10.29	173	993	0.199 ug/L	#	95
62) 1,3-Dichlorobenzene	11.74	146	4058	0.204 ug/L		92
63) 1,4-Dichlorobenzene	11.83	146	4402	0.219 ug/L		87
65) 1,2-Dichlorobenzene	12.20	146	4010	0.209 ug/L		90
66) 1,2-Dibromo-3-chloropropan	13.00	75	325	0.158 ug/L		95
67) 1,3,5-Trichlorobenzene	13.21	180	2839m	0.203 ug/L		
68) 1,2,4-trichlorobenzene	13.83	180	2297	0.191 ug/L		93
69) Naphthalene	14.08	128	3678	0.147 ug/L	#	92
70) 1,2,3-Trichlorobenzene	14.32	180	2066	0.187 ug/L		85

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

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