Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040019.D
Acq On : 02 Sep 2020 12:11
Operator : SY/MD
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
9/4/2020 2:20:35 PM

Quant Time: Sep 03 01:43:49 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	114171	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	112315	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52162	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29694	4.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.20%			
7) Chloroethane-d5	1.92	69	25226	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.58	63	54219	3.39	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.80%			
20) 2-Butanone-d5	4.65	46	141267	56.66	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.32%			
24) Chloroform-d	5.08	84	69889	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.72	65	46293	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%			
32) Benzene-d6	5.74	84	133179	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.70	67	44429	5.14	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.80%			
41) Toluene-d8	7.91	98	115733	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	8.19	79	19067	4.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.00%			
46) 2-Hexanone-d5	8.64	63	101618	54.03	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.06%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40055	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	45524	5.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2391	0.211	ug/L #	84
3) Chloromethane	1.53	50	2604	0.240	ug/L	93
5) Vinyl chloride	1.61	62	2346	0.213	ug/L #	68
6) Bromomethane	1.87	94	1524	0.271	ug/L	98
8) Chloroethane	1.94	64	1676	0.254	ug/L	95
9) Trichlorofluoromethane	2.15	101	3585	0.228	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	2673	0.262	ug/L	86
12) 1,1-Dichloroethene	2.59	96	2260	0.256	ug/L #	1
13) Acetone	2.66	43	5728	2.482	ug/L	96
14) Carbon disulfide	2.81	76	6331	0.223	ug/L #	91
15) Methyl Acetate	2.97	43	1266	0.219	ug/L #	66
16) Methylene chloride	3.06	84	4808	0.416	ug/L	86
17) Methyl tert-butyl Ether	3.38	73	6121	0.230	ug/L #	93
18) trans-1,2-Dichloroethene	3.37	96	2018	0.212	ug/L	89
19) 1,1-Dichloroethane	3.89	63	4310	0.220	ug/L	96
21) 2-Butanone	4.73	43	8052	2.137	ug/L #	76
22) cis-1,2-Dichloroethene	4.69	96	2455	0.240	ug/L	80

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Quant Time: Sep 03 01:43:49 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)
23) Bromochloromethane	4.99	128	882	0.197	ug/L		88
25) Chloroform	5.10	83	6914	0.345	ug/L		92
27) 1,2-Dichloroethane	5.82	62	3305	0.225	ug/L	#	94
29) 1,1,1-Trichloroethane	5.34	97	4329	0.245	ug/L		92
30) Cyclohexane	5.41	56	3516	0.206	ug/L	#	89
31) Carbon tetrachloride	5.54	117	3327	0.220	ug/L		89
33) Benzene	5.79	78	8406	0.209	ug/L		100
34) Trichloroethene	6.55	95	2391	0.222	ug/L		85
35) Methylcyclohexane	6.77	83	3097	0.188	ug/L		97
37) 1,2-Dichloropropane	6.81	63	2426	0.223	ug/L	#	90
38) Bromodichloromethane	7.12	83	3052	0.205	ug/L	#	93
39) cis-1,3-Dichloropropene	7.61	75	3775	0.235	ug/L		86
40) 4-Methyl-2-pentanone	7.80	43	18948	2.123	ug/L		96
42) Toluene	7.98	91	8946	0.216	ug/L		93
44) trans-1,3-Dichloropropene	8.22	75	3132m	0.211	ug/L		
45) 1,1,2-Trichloroethane	8.41	97	1662	0.210	ug/L		91
47) Tetrachloroethene	8.56	164	1612	0.228	ug/L		82
48) 2-Hexanone	8.69	43	17198	2.641	ug/L		98
49) Dibromochloromethane	8.82	129	1825	0.192	ug/L		90
50) 1,2-Dibromoethane	8.92	107	1590	0.208	ug/L	#	87
51) Chlorobenzene	9.45	112	5763	0.224	ug/L		93
52) Ethylbenzene	9.57	91	9928	0.211	ug/L		95
53) m,p-Xylene	9.69	106	3455	0.206	ug/L		81
54) o-Xylene	10.10	106	3317	0.208	ug/L		94
55) Styrene	10.11	104	5450	0.196	ug/L		99
56) Isopropylbenzene	10.48	105	8056	0.185	ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.78	83	2216	0.218	ug/L		92
59) 1,2,3-Trichloropropane	10.82	75	1864m	0.231	ug/L		
61) Bromoform	10.29	173	887	0.185	ug/L	#	70
62) 1,3-Dichlorobenzene	11.74	146	4160	0.218	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	4484	0.232	ug/L		92
65) 1,2-Dichlorobenzene	12.20	146	4507	0.244	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.99	75	347	0.176	ug/L	#	80
67) 1,3,5-Trichlorobenzene	13.21	180	3175	0.237	ug/L		91
68) 1,2,4-trichlorobenzene	13.83	180	2136	0.185	ug/L		91
69) Naphthalene	14.08	128	4063	0.169	ug/L	#	88
70) 1,2,3-Trichlorobenzene	14.32	180	2174	0.205	ug/L	#	89

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

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