Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040017.D
Acq On : 02 Sep 2020 11:23
Operator : SY/MD
Sample : MDL02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL02

Manual Integrations APPROVED
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9/4/2020 2:20:25 PM

Quant Time: Sep 03 01:35:48 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	110590	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	51654	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	27699	4.59	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.80%			
7) Chloroethane-d5	1.92	69	24482	4.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.40%			
11) 1,1-Dichloroethene-d2	2.58	63	49227	3.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.60%			
20) 2-Butanone-d5	4.65	46	122421	50.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.38%			
24) Chloroform-d	5.08	84	66062	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
26) 1,2-Dichloroethane-d4	5.72	65	42736	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.75	84	125611	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.70	67	41087	4.78	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.60%			
41) Toluene-d8	7.91	98	106265	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.20%			
43) trans-1,3-Dichloropropene-	8.19	79	17546	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.64	63	92495	49.45	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.90%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36635	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	41489	4.96	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	1954	0.178	ug/L	92
3) Chloromethane	1.53	50	2497	0.238	ug/L	96
5) Vinyl chloride	1.61	62	2482	0.233	ug/L #	71
6) Bromomethane	1.86	94	1339	0.246	ug/L	98
8) Chloroethane	1.94	64	1515	0.237	ug/L	91
9) Trichlorofluoromethane	2.15	101	3009	0.197	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2286	0.231	ug/L	89
12) 1,1-Dichloroethene	2.59	96	2110	0.247	ug/L #	1
13) Acetone	2.66	43	4882	2.184	ug/L	95
14) Carbon disulfide	2.81	76	5711	0.208	ug/L	100
15) Methyl Acetate	2.96	43	1374m	0.245	ug/L	
16) Methylene chloride	3.06	84	3761	0.336	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	5015	0.194	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	1693	0.184	ug/L	84
19) 1,1-Dichloroethane	3.89	63	3793	0.200	ug/L	95
21) 2-Butanone	4.73	43	6405	1.755	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	2020	0.204	ug/L	90

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ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 03 01:35:48 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

Instrument : MSVOA_U
ClientSampleId : MDL02

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.00	128	833	0.192 ug/L	#	66
25) Chloroform	5.11	83	6749	0.348 ug/L		96
27) 1,2-Dichloroethane	5.80	62	2977	0.209 ug/L	#	94
29) 1,1,1-Trichloroethane	5.33	97	3579m	0.204 ug/L		
30) Cyclohexane	5.40	56	3064	0.180 ug/L		95
31) Carbon tetrachloride	5.54	117	2802m	0.187 ug/L		
33) Benzene	5.79	78	7736	0.194 ug/L		100
34) Trichloroethene	6.55	95	1786	0.167 ug/L		92
35) Methylcyclohexane	6.77	83	2729	0.166 ug/L		95
37) 1,2-Dichloropropane	6.80	63	1977	0.183 ug/L	#	91
38) Bromodichloromethane	7.12	83	2716	0.184 ug/L		82
39) cis-1,3-Dichloropropene	7.61	75	3107	0.195 ug/L		99
40) 4-Methyl-2-pentanone	7.80	43	16117	1.815 ug/L	#	87
42) Toluene	7.98	91	7909	0.192 ug/L		94
44) trans-1,3-Dichloropropene	8.21	75	3095m	0.209 ug/L		
45) 1,1,2-Trichloroethane	8.41	97	1492	0.189 ug/L		85
47) Tetrachloroethene	8.56	164	1277	0.181 ug/L		87
48) 2-Hexanone	8.69	43	14949	2.308 ug/L		99
49) Dibromochloromethane	8.82	129	1753	0.185 ug/L		88
50) 1,2-Dibromoethane	8.93	107	1329	0.175 ug/L	#	96
51) Chlorobenzene	9.45	112	4979	0.195 ug/L		95
52) Ethylbenzene	9.57	91	8035	0.172 ug/L		98
53) m,p-Xylene	9.69	106	2845	0.171 ug/L		82
54) o-Xylene	10.11	106	2728	0.172 ug/L		82
55) Styrene	10.11	104	4806	0.174 ug/L		92
56) Isopropylbenzene	10.48	105	7498	0.173 ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.78	83	1987	0.197 ug/L		89
59) 1,2,3-Trichloropropane	10.82	75	1616m	0.202 ug/L		
61) Bromoform	10.29	173	928	0.196 ug/L	#	87
62) 1,3-Dichlorobenzene	11.74	146	3939	0.209 ug/L		92
63) 1,4-Dichlorobenzene	11.83	146	4071	0.213 ug/L		95
65) 1,2-Dichlorobenzene	12.20	146	3569	0.195 ug/L	#	89
66) 1,2-Dibromo-3-chloropropan	12.99	75	358m	0.183 ug/L		
67) 1,3,5-Trichlorobenzene	13.21	180	2627m	0.198 ug/L		
68) 1,2,4-trichlorobenzene	13.83	180	2018	0.176 ug/L		96
69) Naphthalene	14.08	128	3429	0.144 ug/L	#	88
70) 1,2,3-Trichlorobenzene	14.32	180	1620	0.154 ug/L		89

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

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