Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090220\
Data File : VU040016.D
Acq On : 02 Sep 2020 10:59
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL01

Manual Integrations APPROVED
MMDadoda
9/4/2020 1:59:53 PM

Quant Time: Sep 03 01:28:33 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	140242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137520	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65633	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29383	3.84	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.80%			
7) Chloroethane-d5	1.92	69	27259	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.58	63	53558	2.73	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.60%#			
20) 2-Butanone-d5	4.66	46	138021	45.07	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.14%			
24) Chloroform-d	5.08	84	71317	3.99	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.80%			
26) 1,2-Dichloroethane-d4	5.72	65	46865	4.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.80%			
32) Benzene-d6	5.74	84	133217	4.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%			
36) 1,2-Dichloropropane-d6	6.70	67	44393	4.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.80%			
41) Toluene-d8	7.90	98	117615	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	8.18	79	19817	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.64	63	104431	45.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	40703	4.45	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44468	4.19	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2403	0.173	ug/L	99
3) Chloromethane	1.53	50	3035	0.228	ug/L	99
5) Vinyl chloride	1.61	62	2789	0.206	ug/L #	82
6) Bromomethane	1.86	94	1369	0.198	ug/L	86
8) Chloroethane	1.94	64	1813	0.223	ug/L	88
9) Trichlorofluoromethane	2.15	101	4066	0.210	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	2839	0.226	ug/L #	80
12) 1,1-Dichloroethene	2.59	96	2376	0.219	ug/L #	1
13) Acetone	2.67	43	5423m	1.913	ug/L	
14) Carbon disulfide	2.81	76	6830	0.196	ug/L #	94
15) Methyl Acetate	2.97	43	1283	0.180	ug/L	92
16) Methylene chloride	3.06	84	4502	0.317	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	6021	0.184	ug/L #	91
18) trans-1,2-Dichloroethene	3.37	96	2617	0.224	ug/L	76
19) 1,1-Dichloroethane	3.89	63	4604	0.192	ug/L	93
21) 2-Butanone	4.74	43	10136	2.190	ug/L	86
22) cis-1,2-Dichloroethene	4.69	96	2629	0.209	ug/L	74

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Quant Time: Sep 03 01:28:33 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
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.00	128	963	0.175	ug/L		93
25) Chloroform	5.11	83	7591	0.308	ug/L		92
27) 1,2-Dichloroethane	5.81	62	3720	0.206	ug/L	#	92
29) 1,1,1-Trichloroethane	5.33	97	4144	0.192	ug/L		96
30) Cyclohexane	5.41	56	3338	0.159	ug/L		88
31) Carbon tetrachloride	5.54	117	3767	0.204	ug/L		97
33) Benzene	5.79	78	9610	0.195	ug/L		100
34) Trichloroethene	6.55	95	2177	0.165	ug/L	#	77
35) Methylcyclohexane	6.77	83	3602	0.178	ug/L	#	83
37) 1,2-Dichloropropane	6.80	63	2477	0.186	ug/L	#	93
38) Bromodichloromethane	7.12	83	3372	0.185	ug/L	#	89
39) cis-1,3-Dichloropropene	7.61	75	3537	0.180	ug/L		95
40) 4-Methyl-2-pentanone	7.80	43	21392	1.957	ug/L		99
42) Toluene	7.97	91	10085	0.199	ug/L		97
44) trans-1,3-Dichloropropene	8.22	75	3677	0.202	ug/L	#	39
45) 1,1,2-Trichloroethane	8.41	97	1899	0.196	ug/L		91
47) Tetrachloroethene	8.56	164	1550	0.179	ug/L		94
48) 2-Hexanone	8.69	43	17486	2.193	ug/L		95
49) Dibromochloromethane	8.81	129	2198	0.189	ug/L		99
50) 1,2-Dibromoethane	8.93	107	1616	0.173	ug/L	#	67
51) Chlorobenzene	9.45	112	6093	0.194	ug/L		95
52) Ethylbenzene	9.57	91	11087	0.193	ug/L		99
53) m,p-Xylene	9.70	106	3967	0.194	ug/L		89
54) o-Xylene	10.10	106	3297	0.169	ug/L		99
55) Styrene	10.11	104	5868	0.173	ug/L		99
56) Isopropylbenzene	10.48	105	9049	0.170	ug/L		97
58) 1,1,2,2-Tetrachloroethane	10.78	83	2492	0.200	ug/L	#	82
59) 1,2,3-Trichloropropane	10.82	75	1880	0.190	ug/L		93
61) Bromoform	10.29	173	1018	0.169	ug/L	#	95
62) 1,3-Dichlorobenzene	11.74	146	4575	0.191	ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	4784	0.197	ug/L		97
65) 1,2-Dichlorobenzene	12.20	146	4820	0.208	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.98	75	394	0.159	ug/L	#	55
67) 1,3,5-Trichlorobenzene	13.21	180	3352	0.199	ug/L		96
68) 1,2,4-trichlorobenzene	13.83	180	2431	0.167	ug/L		94
69) Naphthalene	14.07	128	4928	0.163	ug/L	#	95
70) 1,2,3-Trichlorobenzene	14.32	180	2471	0.185	ug/L	#	87

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

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