Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102418\
Data File : VU027783.D
Acq On : 24 Oct 2018 14:11
Operator : MD/SY
Sample : MDL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL07

Manual Integrations APPROVED
MMDadoda
10/26/2018 11:26:52 AM

Quant Time: Oct 25 06:37:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102418WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 25 04:31:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	39781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	39360	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	19160	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	15401	4.75	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.00%			
7) Chloroethane-d5	1.68	69	11479	4.68	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.60%			
11) 1,1-Dichloroethene-d2	2.28	63	22789	3.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.40%			
20) 2-Butanone-d5	4.21	46	49841	50.55	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.10%			
24) Chloroform-d	4.65	84	27296	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.40%			
26) 1,2-Dichloroethane-d4	5.31	65	16514	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.80%			
32) Benzene-d6	5.34	84	51871	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.80%			
36) 1,2-Dichloropropane-d6	6.33	67	18574	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.57	98	49397	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
43) trans-1,3-Dichloropropene-	7.85	79	7100	4.70	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.00%			
46) 2-Hexanone-d5	8.32	63	40996	49.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.34%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13529	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	17862	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	988	0.256	ug/L	96
3) Chloromethane	1.33	50	1081	0.250	ug/L	90
5) Vinyl chloride	1.40	62	1213	0.291	ug/L #	72
6) Bromomethane	1.63	94	563	0.263	ug/L	97
8) Chloroethane	1.71	64	523	0.232	ug/L #	64
9) Trichlorofluoromethane	1.89	101	1455	0.264	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	893	0.321	ug/L	91
12) 1,1-Dichloroethene	2.29	96	849	0.327	ug/L #	1
13) Acetone	2.35	43	2858	4.021	ug/L	76
14) Carbon disulfide	2.48	76	2224	0.250	ug/L #	92
16) Methylene chloride	2.70	84	1256	0.411	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	1869	0.225	ug/L #	94
18) trans-1,2-Dichloroethene	2.99	96	766	0.276	ug/L	93
19) 1,1-Dichloroethane	3.45	63	1643	0.267	ug/L #	95
21) 2-Butanone	4.31	43	2769m	2.374	ug/L	
22) cis-1,2-Dichloroethene	4.23	96	642	0.195	ug/L	82
25) Chloroform	4.68	83	1702	0.275	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.41	62	1252	0.274	ug/L	#	79
29) 1,1,1-Trichloroethane	4.93	97	1378m	0.243	ug/L		
30) Cyclohexane	4.99	56	1522	0.240	ug/L	#	91
31) Carbon tetrachloride	5.14	117	1060	0.218	ug/L		90
33) Benzene	5.39	78	3510	0.268	ug/L		100
34) Trichloroethene	6.19	95	846	0.250	ug/L		95
35) Methylcyclohexane	6.41	83	1502	0.265	ug/L		97
38) Bromodichloromethane	6.76	83	1118	0.244	ug/L	#	88
39) cis-1,3-Dichloropropene	7.28	75	1185	0.215	ug/L		98
40) 4-Methyl-2-pentanone	7.47	43	6953	2.422	ug/L	#	91
42) Toluene	7.64	91	3726	0.265	ug/L		98
44) trans-1,3-Dichloropropene	7.89	75	1160	0.250	ug/L		90
45) 1,1,2-Trichloroethane	8.07	97	423	0.182	ug/L	#	78
47) Tetrachloroethene	8.22	164	637	0.231	ug/L		93
48) 2-Hexanone	8.37	43	5918	2.901	ug/L	#	97
49) Dibromochloromethane	8.48	129	661	0.224	ug/L		99
50) 1,2-Dibromoethane	8.59	107	503	0.223	ug/L	#	85
51) Chlorobenzene	9.12	112	2266	0.261	ug/L		97
52) Ethylbenzene	9.25	91	4077	0.250	ug/L		91
53) m,p-xylene	9.38	106	1443	0.249	ug/L		90
54) o-xylene	9.78	106	1395	0.247	ug/L		77
55) Styrene	9.80	104	2245	0.234	ug/L		93
56) Isopropylbenzene	10.17	105	3739	0.239	ug/L		100
58) 1,1,2,2-Tetrachloroethane	10.46	83	758m	0.249	ug/L		
59) 1,2,3-Trichloropropane	10.49	75	597m	0.247	ug/L		
62) 1,3-Dichlorobenzene	11.42	146	1830	0.272	ug/L		90
63) 1,4-Dichlorobenzene	11.51	146	1853	0.272	ug/L		93
65) 1,2-Dichlorobenzene	11.88	146	1603	0.253	ug/L		94
67) 1,3,5-Trichlorobenzene	12.89	180	1296	0.240	ug/L	#	92
68) 1,2,4-trichlorobenzene	13.51	180	1080	0.230	ug/L	#	89
70) 1,2,3-Trichlorobenzene	13.99	180	943	0.218	ug/L		91

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

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