Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027894.D
Acq On : 01 Nov 2018 11:13
Operator : MD/SY
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:20 PM

Quant Time: Nov 02 07:15:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 02 08:02:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	82139	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	76294	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37060	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	23832	3.71	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.20%				
7) Chloroethane-d5	1.68	69	19434	3.92	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.40%				
11) 1,1-Dichloroethene-d2	2.28	63	38264	3.14	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.80%				
20) 2-Butanone-d5	4.20	46	87985	45.96	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.92%				
24) Chloroform-d	4.65	84	46136	4.00	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 80.00%				
26) 1,2-Dichloroethane-d4	5.31	65	30993	4.67	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%				
32) Benzene-d6	5.34	84	89239	4.27	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.40%				
36) 1,2-Dichloropropane-d6	6.33	67	31748	4.29	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.80%				
41) Toluene-d8	7.57	98	83127	4.18	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.60%				
43) trans-1,3-Dichloropropene-	7.85	79	12536	4.38	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.60%				
46) 2-Hexanone-d5	8.31	63	70686	45.15	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.30%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	23885	4.56	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.20%				
64) 1,2-Dichlorobenzene-d4	11.86	152	31771	4.48	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	2776	0.343	ug/L		92
3) Chloromethane	1.33	50	2883	0.359	ug/L		100
5) Vinyl chloride	1.40	62	2649	0.332	ug/L	#	70
6) Bromomethane	1.63	94	1031	0.393	ug/L	#	63
8) Chloroethane	1.70	64	1755	0.375	ug/L		84
9) Trichlorofluoromethane	1.89	101	3687	0.348	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2190	0.405	ug/L	#	83
12) 1,1-Dichloroethene	2.29	96	1820	0.357	ug/L	#	1
13) Acetone	2.32	43	4843	4.013	ug/L		88
14) Carbon disulfide	2.48	76	5480	0.301	ug/L		97
15) Methyl Acetate	2.62	43	1027m	0.318	ug/L		
16) Methylene chloride	2.70	84	2083	0.363	ug/L		85
17) Methyl tert-butyl Ether	3.01	73	5109	0.336	ug/L	#	89
18) trans-1,2-Dichloroethene	2.98	96	1825	0.337	ug/L		92
19) 1,1-Dichloroethane	3.45	63	3928	0.343	ug/L		95
21) 2-Butanone	4.29	43	6715m	3.200	ug/L		
22) cis-1,2-Dichloroethene	4.22	96	1975	0.315	ug/L		81

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.56	128	857m	0.330	ug/L		
25) Chloroform	4.68	83	8585	0.740	ug/L		98
27) 1,2-Dichloroethane	5.41	62	3157	0.390	ug/L		97
29) 1,1,1-Trichloroethane	4.92	97	3370	0.342	ug/L		99
30) Cyclohexane	4.99	56	3829	0.331	ug/L	#	90
31) Carbon tetrachloride	5.13	117	2949	0.349	ug/L		96
33) Benzene	5.39	78	8617	0.357	ug/L		100
34) Trichloroethene	6.19	95	2197	0.349	ug/L		90
35) Methylcyclohexane	6.41	83	3507	0.328	ug/L		94
37) 1,2-Dichloropropane	6.43	63	2310	0.336	ug/L	#	90
38) Bromodichloromethane	6.76	83	2546	0.316	ug/L	#	83
39) cis-1,3-Dichloropropene	7.27	75	3584	0.363	ug/L		88
40) 4-Methyl-2-pentanone	7.47	43	17039	3.504	ug/L		93
42) Toluene	7.64	91	8808	0.348	ug/L		94
44) trans-1,3-Dichloropropene	7.88	75	2752m	0.325	ug/L		
45) 1,1,2-Trichloroethane	8.07	97	1322	0.312	ug/L		97
47) Tetrachloroethene	8.23	164	1736	0.359	ug/L		87
48) 2-Hexanone	8.37	43	13475	3.844	ug/L		98
49) Dibromochloromethane	8.48	129	1444	0.282	ug/L		95
50) 1,2-Dibromoethane	8.59	107	1305	0.322	ug/L	#	91
51) Chlorobenzene	9.12	112	5113	0.326	ug/L		97
52) Ethylbenzene	9.25	91	9883	0.343	ug/L		99
53) m,p-xylene	9.38	106	3451	0.330	ug/L		89
54) o-xylene	9.78	106	3374	0.329	ug/L		94
55) Styrene	9.80	104	5630	0.327	ug/L		93
56) Isopropylbenzene	10.17	105	9038	0.323	ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.46	83	1894	0.343	ug/L	#	92
59) 1,2,3-Trichloropropane	10.49	75	1330	0.319	ug/L		97
61) Bromoform	9.96	173	925	0.339	ug/L	#	81
62) 1,3-Dichlorobenzene	11.42	146	3866	0.324	ug/L		92
63) 1,4-Dichlorobenzene	11.51	146	4461	0.374	ug/L		98
65) 1,2-Dichlorobenzene	11.88	146	3952	0.351	ug/L		94
66) 1,2-Dibromo-3-chloropropan	12.66	75	303m	0.344	ug/L		
67) 1,3,5-Trichlorobenzene	12.89	180	2902	0.303	ug/L		95
68) 1,2,4-trichlorobenzene	13.50	180	2684	0.329	ug/L		97
69) Naphthalene	13.75	128	3557	0.280	ug/L	#	92
70) 1,2,3-Trichlorobenzene	13.99	180	2585	0.348	ug/L	#	84

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

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