Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027897.D
Acq On : 01 Nov 2018 12:24
Operator : MD/SY
Sample : MDL04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 02 07:21:34 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

Instrument :
MSVOA_U
ClientSampleId :
MDL04

Manual Integrations APPROVED
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11/5/2018 4:10:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	84292	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	83376	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41250	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23813	3.62	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.40%			
7) Chloroethane-d5	1.68	69	19658	3.87	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.40%			
11) 1,1-Dichloroethene-d2	2.28	63	37696	3.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.20%			
20) 2-Butanone-d5	4.19	46	88073	44.83	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.66%			
24) Chloroform-d	4.65	84	44746	3.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.60%			
26) 1,2-Dichloroethane-d4	5.31	65	30819	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.40%			
32) Benzene-d6	5.34	84	88091	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.20%			
36) 1,2-Dichloropropane-d6	6.33	67	31471	3.89	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 77.80%			
41) Toluene-d8	7.57	98	82472	3.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.00%			
43) trans-1,3-Dichloropropene-	7.85	79	12167	3.89	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.80%			
46) 2-Hexanone-d5	8.31	63	69380	40.55	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.10%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22888	4.00	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.00%			
64) 1,2-Dichlorobenzene-d4	11.86	152	31036	3.93	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.60%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2838	0.342	ug/L	98
3) Chloromethane	1.33	50	2636	0.320	ug/L	99
5) Vinyl chloride	1.41	62	2699	0.329	ug/L #	76
6) Bromomethane	1.63	94	1001	0.372	ug/L	79
8) Chloroethane	1.70	64	1755	0.365	ug/L	100
9) Trichlorofluoromethane	1.89	101	4149	0.381	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2013	0.363	ug/L	92
12) 1,1-Dichloroethene	2.28	96	2066	0.395	ug/L #	1
13) Acetone	2.33	43	5314	4.291	ug/L	79
14) Carbon disulfide	2.48	76	5670	0.303	ug/L #	87
15) Methyl Acetate	2.62	43	1283m	0.387	ug/L	
16) Methylene chloride	2.70	84	2354	0.400	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	4920	0.315	ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	1799	0.323	ug/L	93
19) 1,1-Dichloroethane	3.45	63	3755	0.320	ug/L	90
21) 2-Butanone	4.29	43	7314m	3.397	ug/L	
22) cis-1,2-Dichloroethene	4.22	96	2034	0.316	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	748	0.281 ug/L #	84
25) Chloroform	4.68	83	8889	0.746 ug/L	95
27) 1,2-Dichloroethane	5.41	62	3147	0.379 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	3310	0.308 ug/L #	88
30) Cyclohexane	4.99	56	4106	0.325 ug/L #	95
31) Carbon tetrachloride	5.14	117	3044	0.330 ug/L	92
33) Benzene	5.40	78	7869	0.298 ug/L	100
34) Trichloroethene	6.19	95	2113	0.307 ug/L	86
35) Methylcyclohexane	6.41	83	3798	0.325 ug/L	97
37) 1,2-Dichloropropane	6.43	63	2726	0.362 ug/L #	90
38) Bromodichloromethane	6.76	83	2539	0.289 ug/L #	86
39) cis-1,3-Dichloropropene	7.27	75	3425	0.318 ug/L	90
40) 4-Methyl-2-pentanone	7.47	43	17029	3.205 ug/L	97
42) Toluene	7.64	91	8549	0.309 ug/L	89
44) trans-1,3-Dichloropropene	7.89	75	2890m	0.312 ug/L	
45) 1,1,2-Trichloroethane	8.07	97	1451	0.314 ug/L #	82
47) Tetrachloroethene	8.22	164	1876	0.355 ug/L	89
48) 2-Hexanone	8.37	43	13294	3.470 ug/L	97
49) Dibromochloromethane	8.48	129	1589	0.284 ug/L	87
50) 1,2-Dibromoethane	8.59	107	1365	0.308 ug/L #	64
51) Chlorobenzene	9.12	112	5294	0.309 ug/L	97
52) Ethylbenzene	9.25	91	10109	0.321 ug/L	95
53) m,p-xylene	9.38	106	3568	0.312 ug/L	97
54) o-xylene	9.78	106	3187	0.284 ug/L	75
55) Styrene	9.80	104	5372	0.286 ug/L	91
56) Isopropylbenzene	10.17	105	9543	0.312 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	1972	0.327 ug/L #	97
59) 1,2,3-Trichloropropane	10.49	75	1452	0.318 ug/L	95
61) Bromoform	9.96	173	691	0.228 ug/L #	95
62) 1,3-Dichlorobenzene	11.42	146	4272	0.322 ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	4404	0.332 ug/L #	88
65) 1,2-Dichlorobenzene	11.88	146	4037	0.322 ug/L #	81
67) 1,3,5-Trichlorobenzene	12.89	180	3327	0.312 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	2610	0.287 ug/L	91
69) Naphthalene	13.75	128	3764	0.267 ug/L #	83
70) 1,2,3-Trichlorobenzene	13.99	180	2596	0.314 ug/L #	90

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

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