Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103018\
Data File : VU027872.D
Acq On : 30 Oct 2018 13:55
Operator : MD/SY
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations APPROVED
MMDadoda
11/1/2018 11:15:19 AM

Quant Time: Oct 31 02:32:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 31 02:11:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	83620	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	77419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	31197	4.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.60%			
7) Chloroethane-d5	1.68	69	24267	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.20%			
11) 1,1-Dichloroethene-d2	2.28	63	46747	3.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.40%			
20) 2-Butanone-d5	4.20	46	94613	48.54	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.08%			
24) Chloroform-d	4.65	84	54670	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.31	65	31786	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.34	84	104095	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.20%			
36) 1,2-Dichloropropane-d6	6.33	67	35763	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.57	98	98889	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	7.85	79	14230	4.90	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.00%			
46) 2-Hexanone-d5	8.31	63	78447	49.37	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.74%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	25804	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	35657	4.86	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2355	0.286	ug/L	94
3) Chloromethane	1.33	50	2763	0.338	ug/L	98
5) Vinyl chloride	1.40	62	2698	0.332	ug/L #	53
6) Bromomethane	1.63	94	989	0.370	ug/L	90
8) Chloroethane	1.70	64	1167m	0.245	ug/L	
9) Trichlorofluoromethane	1.89	101	3223	0.299	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2011	0.365	ug/L	88
12) 1,1-Dichloroethene	2.29	96	1875	0.361	ug/L #	1
13) Acetone	2.33	43	4535	3.691	ug/L	87
14) Carbon disulfide	2.48	76	6421	0.346	ug/L	95
15) Methyl Acetate	2.63	43	1513	0.460	ug/L #	68
16) Methylene chloride	2.70	84	2234	0.383	ug/L	88
17) Methyl tert-butyl Ether	3.01	73	4632	0.299	ug/L #	93
18) trans-1,2-Dichloroethene	2.98	96	1811	0.328	ug/L	89
19) 1,1-Dichloroethane	3.45	63	3796	0.326	ug/L	89
21) 2-Butanone	4.29	43	6423m	3.007	ug/L	
22) cis-1,2-Dichloroethene	4.22	96	2103	0.330	ug/L	82

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	599	0.227 ug/L		89
25) Chloroform	4.67	83	4047	0.343 ug/L		86
27) 1,2-Dichloroethane	5.41	62	2579	0.313 ug/L	#	78
29) 1,1,1-Trichloroethane	4.91	97	3181	0.318 ug/L		93
30) Cyclohexane	5.00	56	3621	0.308 ug/L		99
31) Carbon tetrachloride	5.13	117	2485	0.290 ug/L		93
33) Benzene	5.39	78	7936	0.324 ug/L		100
34) Trichloroethene	6.19	95	2155	0.338 ug/L		91
35) Methylcyclohexane	6.41	83	3435	0.316 ug/L		96
37) 1,2-Dichloropropane	6.45	63	2149m	0.308 ug/L		
38) Bromodichloromethane	6.76	83	2558	0.313 ug/L		86
39) cis-1,3-Dichloropropene	7.27	75	3028	0.302 ug/L		94
40) 4-Methyl-2-pentanone	7.47	43	14839	3.007 ug/L	#	92
42) Toluene	7.64	91	8001	0.312 ug/L		100
44) trans-1,3-Dichloropropene	7.88	75	2437	0.284 ug/L		95
45) 1,1,2-Trichloroethane	8.08	97	1201	0.280 ug/L		90
47) Tetrachloroethene	8.23	164	1676	0.342 ug/L		86
48) 2-Hexanone	8.37	43	11181	3.143 ug/L		94
49) Dibromochloromethane	8.48	129	1517	0.292 ug/L		90
50) 1,2-Dibromoethane	8.59	107	1259	0.306 ug/L	#	97
51) Chlorobenzene	9.12	112	5222	0.328 ug/L		92
52) Ethylbenzene	9.25	91	9615	0.329 ug/L		97
53) m,p-xylene	9.38	106	3110	0.293 ug/L		79
54) o-xylene	9.78	106	3199	0.307 ug/L		86
55) Styrene	9.80	104	5547	0.318 ug/L		92
56) Isopropylbenzene	10.17	105	8455	0.298 ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.46	83	1719	0.307 ug/L	#	86
59) 1,2,3-Trichloropropane	10.49	75	1184m	0.280 ug/L		
61) Bromoform	9.96	173	828	0.294 ug/L	#	91
62) 1,3-Dichlorobenzene	11.42	146	4124	0.335 ug/L		94
63) 1,4-Dichlorobenzene	11.51	146	4333	0.352 ug/L		91
65) 1,2-Dichlorobenzene	11.88	146	3885	0.334 ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.66	75	216	0.237 ug/L		92
67) 1,3,5-Trichlorobenzene	12.89	180	3073	0.310 ug/L		96
68) 1,2,4-trichlorobenzene	13.51	180	2535	0.301 ug/L		95
69) Naphthalene	13.75	128	3790	0.289 ug/L	#	93
70) 1,2,3-Trichlorobenzene	13.99	180	2557m	0.333 ug/L		

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

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