Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110118\
Data File : VU027896.D
Acq On : 01 Nov 2018 12:00
Operator : MD/SY
Sample : MDL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Manual Integrations APPROVED
MMDadoda
11/5/2018 4:10:23 PM

Quant Time: Nov 02 07:20:08 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	85911	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	81721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40261	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	23835	3.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.00%			
7) Chloroethane-d5	1.68	69	19481	3.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.20%			
11) 1,1-Dichloroethene-d2	2.28	63	37516	2.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.80%#			
20) 2-Butanone-d5	4.20	46	86918	43.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.82%			
24) Chloroform-d	4.66	84	43275	3.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.60%			
26) 1,2-Dichloroethane-d4	5.31	65	31219	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
32) Benzene-d6	5.34	84	88182	3.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.80%			
36) 1,2-Dichloropropane-d6	6.34	67	31050	3.92	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.40%			
41) Toluene-d8	7.57	98	81345	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.40%			
43) trans-1,3-Dichloropropene-	7.85	79	11870	3.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.40%			
46) 2-Hexanone-d5	8.31	63	69335	41.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.68%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22477	4.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	30933	4.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	2479	0.293	ug/L	99
3) Chloromethane	1.33	50	2788	0.332	ug/L	92
5) Vinyl chloride	1.40	62	2672	0.320	ug/L #	75
6) Bromomethane	1.63	94	1003	0.366	ug/L	78
8) Chloroethane	1.70	64	1682m	0.344	ug/L	
9) Trichlorofluoromethane	1.89	101	3735	0.337	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	2084	0.368	ug/L #	83
12) 1,1-Dichloroethene	2.29	96	1875	0.351	ug/L #	1
13) Acetone	2.33	43	4682	3.709	ug/L	84
14) Carbon disulfide	2.48	76	5647	0.296	ug/L	96
15) Methyl Acetate	2.62	43	1164m	0.345	ug/L	
16) Methylene chloride	2.71	84	2256	0.376	ug/L	88
17) Methyl tert-butyl Ether	3.01	73	5495	0.345	ug/L #	84
18) trans-1,2-Dichloroethene	2.99	96	1777	0.313	ug/L	92
19) 1,1-Dichloroethane	3.45	63	4257	0.356	ug/L	98
21) 2-Butanone	4.29	43	6887	3.138	ug/L	80
22) cis-1,2-Dichloroethene	4.23	96	1895	0.289	ug/L	65

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	4.55	128	811	0.299 ug/L		84
25) Chloroform	4.68	83	9290	0.765 ug/L		95
27) 1,2-Dichloroethane	5.41	62	3027	0.357 ug/L	#	78
29) 1,1,1-Trichloroethane	4.91	97	3724m	0.353 ug/L		
30) Cyclohexane	4.99	56	3851	0.311 ug/L	#	84
31) Carbon tetrachloride	5.14	117	3151	0.348 ug/L		90
33) Benzene	5.39	78	8384	0.324 ug/L		100
34) Trichloroethene	6.19	95	2071	0.307 ug/L		94
35) Methylcyclohexane	6.42	83	3690	0.322 ug/L		90
37) 1,2-Dichloropropane	6.44	63	2551	0.346 ug/L	#	90
38) Bromodichloromethane	6.76	83	2802	0.325 ug/L	#	93
39) cis-1,3-Dichloropropene	7.28	75	3321	0.314 ug/L		97
40) 4-Methyl-2-pentanone	7.47	43	16668	3.200 ug/L	#	89
42) Toluene	7.64	91	8853	0.327 ug/L		96
44) trans-1,3-Dichloropropene	7.89	75	2967m	0.327 ug/L		
45) 1,1,2-Trichloroethane	8.07	97	1371	0.302 ug/L		89
47) Tetrachloroethene	8.23	164	1876	0.363 ug/L		87
48) 2-Hexanone	8.37	43	12835	3.418 ug/L		98
49) Dibromochloromethane	8.48	129	1750	0.320 ug/L		97
50) 1,2-Dibromoethane	8.59	107	1483	0.342 ug/L	#	91
51) Chlorobenzene	9.12	112	5352	0.319 ug/L		97
52) Ethylbenzene	9.25	91	9711	0.315 ug/L		97
53) m,p-xylene	9.38	106	3502	0.313 ug/L		95
54) o-xylene	9.78	106	3428	0.312 ug/L		94
55) Styrene	9.79	104	5309	0.288 ug/L		96
56) Isopropylbenzene	10.17	105	9122	0.305 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.46	83	1950	0.330 ug/L	#	94
59) 1,2,3-Trichloropropane	10.50	75	1193	0.267 ug/L		93
61) Bromoform	9.96	173	873	0.295 ug/L	#	77
62) 1,3-Dichlorobenzene	11.42	146	4345	0.336 ug/L		94
63) 1,4-Dichlorobenzene	11.51	146	4412	0.341 ug/L		96
65) 1,2-Dichlorobenzene	11.88	146	3754	0.307 ug/L	#	91
66) 1,2-Dibromo-3-chloropropan	12.66	75	203m	0.212 ug/L		
67) 1,3,5-Trichlorobenzene	12.89	180	3087	0.296 ug/L		92
68) 1,2,4-trichlorobenzene	13.51	180	2445	0.276 ug/L		89
69) Naphthalene	13.75	128	3682	0.267 ug/L		95
70) 1,2,3-Trichlorobenzene	13.99	180	2522	0.312 ug/L		96

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

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