Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071320\
Data File : BN011154.D
Acq On : 13 Jul 2020 15:47
Operator : CG/JU
Sample : L3216-08
Misc : LOQ-WTR-0.1PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/14/2020 12:02:12 PM

Quant Time: Jul 13 16:22:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 13:53:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1491	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	4186	0.40	ng		0.01
13) Acenaphthene-d10	14.13	164	2365	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	4582	0.40	ng		0.01
29) Chrysene-d12	21.11	240	4226	0.40	ng		0.01
36) Perylene-d12	23.25	264	4014	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1280	0.35	ng		0.00
5) Phenol-d6	6.72	99	1423	0.34	ng		0.00
8) Nitrobenzene-d5	8.67	82	1162	0.31	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	2359	0.35	ng		0.02
14) 2,4,6-Tribromophenol	15.67	330	327	0.31	ng		0.03
15) 2-Fluorobiphenyl	12.77	172	2954	0.27	ng		0.03
27) Fluoranthene-d10	18.94	212	4860	0.34	ng		0.01
31) Terphenyl-d14	19.55	244	3803	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	150	0.070	ng	#	95
3) n-Nitrosodimethylamine	3.63	42	82m	0.076	ng		
6) bis(2-Chloroethyl)ether	6.97	93	329	0.086	ng		92
9) Naphthalene	10.32	128	1178	0.095	ng	#	81
10) Hexachlorobutadiene	10.60	225	289	0.094	ng	#	99
12) 2-Methylnaphthalene	11.95	142	704	0.090	ng	#	93
16) Acenaphthylene	13.85	152	936	0.078	ng		97
17) Acenaphthene	14.20	154	639	0.080	ng		93
18) Fluorene	15.21	166	756	0.073	ng		98
20) 4,6-Dinitro-2-methylphenol	15.39	198	44	0.073	ng	#	42
21) 4-Bromophenyl-phenylether	16.12	248	210	0.067	ng	#	82
22) Hexachlorobenzene	16.20	284	315	0.087	ng		97
23) Atrazine	16.41	200	195	0.089	ng	#	70
24) Pentachlorophenol	16.57	266	139m	0.129	ng		
25) Phenanthrene	16.93	178	1145	0.078	ng		99
26) Anthracene	17.04	178	922	0.075	ng		98
28) Fluoranthene	18.97	202	1393	0.079	ng		99
30) Pyrene	19.33	202	1412	0.088	ng		100
32) Benzo(a)anthracene	21.10	228	1202m	0.088	ng		
33) Chrysene	21.15	228	1643	0.098	ng		92
34) Bis(2-ethylhexyl)phthalate	21.05	149	807	0.143	ng		99
35) Indeno(1,2,3-cd)pyrene	25.37	276	1400	0.080	ng	#	74
37) Benzo(b)fluoranthene	22.62	252	1205	0.075	ng	#	52
38) Benzo(k)fluoranthene	22.66	252	1564	0.086	ng	#	53
39) Benzo(a)pyrene	23.17	252	1084	0.075	ng	#	29
40) Dibenzo(a,h)anthracene	25.39	278	1050	0.068	ng	#	28
41) Benzo(g,h,i)perylene	25.98	276	1441	0.085	ng	#	74

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

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