Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012020\
Data File : BN009403.D
Acq On : 20 Jan 2020 15:13
Operator : JU
Sample : K5111-07
Misc : 0.1 LOD
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
mohammad
1/21/2020 2:54:39 PM

Quant Time: Jan 20 17:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 16:23:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	1182	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	3890	0.40	ng		0.01
13) Acenaphthene-d10	14.11	164	2511	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	5710	0.40	ng		0.00
27) Chrysene-d12	21.07	240	4920	0.40	ng		0.00
34) Perylene-d12	23.19	264	4999	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	908	0.33	ng		0.00
5) Phenol-d6	6.69	99	881	0.28	ng		0.02
8) Nitrobenzene-d5	8.66	82	871	0.28	ng		0.02
11) 2-Methylnaphthalene-d10	11.85	152	2051	0.27	ng		0.02
14) 2,4,6-Tribromophenol	15.64	330	263	0.28	ng		0.02
15) 2-Fluorobiphenyl	12.74	172	2920	0.31	ng		0.02
25) Fluoranthene-d10	18.90	212	5069	0.26	ng		0.00
29) Terphenyl-d14	19.52	244	4136	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	119	0.097	ng	#	69
3) n-Nitrosodimethylamine	3.51	42	155m	0.081	ng		
6) bis(2-Chloroethyl)ether	6.94	93	226m	0.070	ng		
9) Naphthalene	10.29	128	938	0.089	ng	#	72
10) Hexachlorobutadiene	10.57	225	212	0.092	ng	#	94
12) 2-Methylnaphthalene	11.93	142	594	0.081	ng	#	92
16) Acenaphthylene	13.83	152	860	0.079	ng		98
17) Acenaphthene	14.17	154	617	0.081	ng		96
18) Fluorene	15.18	166	820	0.083	ng		99
20) 4-Bromophenyl-phenylether	16.08	248	243	0.071	ng	#	87
21) Hexachlorobenzene	16.18	284	281	0.077	ng		95
22) Pentachlorophenol	16.59	266	172	0.167	ng		89
23) Phenanthrene	16.91	178	1361	0.079	ng		99
24) Anthracene	17.02	178	1031	0.072	ng		99
26) Fluoranthene	18.93	202	1659	0.082	ng		97
28) Pyrene	19.30	202	1679	0.090	ng		99
30) Benzo(a)anthracene	21.07	228	1270m	0.079	ng		
31) Chrysene	21.11	228	1723m	0.093	ng		
32) Bis(2-ethylhexyl)phthalate	21.00	149	683	0.096	ng		94
33) Indeno(1,2,3-cd)pyrene	25.30	276	1553	0.081	ng		96
35) Benzo(b)fluoranthene	22.57	252	1323	0.072	ng	#	55
36) Benzo(k)fluoranthene	22.62	252	1954m	0.096	ng		
37) Benzo(a)pyrene	23.11	252	1366	0.084	ng	#	35
38) Dibenzo(a,h)anthracene	25.31	278	1202	0.074	ng	#	35
39) Benzo(g,h,i)perylene	25.91	276	1468	0.082	ng	#	80

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

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