Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070919\
Data File : BN006770.D
Acq On : 09 Jul 2019 17:06
Operator : HP/JU
Sample : K2241-09
Misc : MDL-W-0.1PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
mohammad
7/10/2019 6:17:20 PM

Quant Time: Jul 10 11:37:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 13:11:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2327	0.40	ng		0.02
7) Naphthalene-d8	10.38	136	8446	0.40	ng		0.01
13) Acenaphthene-d10	14.24	164	5111	0.40	ng		0.00
19) Phenanthrene-d10	17.01	188	11419	0.40	ng		0.01
27) Chrysene-d12	21.24	240	11411	0.40	ng		0.00
34) Perylene-d12	23.46	264	13390	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1731	0.33	ng		0.02
5) Phenol-d6	6.86	99	2090	0.29	ng		0.05
8) Nitrobenzene-d5	8.84	82	1609	0.28	ng		0.06
11) 2-Methylnaphthalene-d10	11.99	152	4691	0.37	ng		0.02
14) 2,4,6-Tribromophenol	15.79	330	709	0.30	ng		0.02
15) 2-Fluorobiphenyl	12.87	172	6954	0.37	ng		0.01
25) Fluoranthene-d10	19.06	212	13317	0.39	ng		0.00
29) Terphenyl-d14	19.66	244	10416	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	582	0.152	ng		93
3) n-Nitrosodimethylamine	3.53	42	67	0.228	ng	#	59
6) bis(2-Chloroethyl)ether	7.10	93	1387m	0.175	ng		
9) Naphthalene	10.43	128	2862	0.127	ng	#	85
10) Hexachlorobutadiene	10.68	225	645	0.132	ng	#	100
12) 2-Methylnaphthalene	12.07	142	1745	0.121	ng	#	93
16) Acenaphthylene	13.98	152	2752	0.114	ng		99
17) Acenaphthene	14.31	154	1983	0.122	ng		99
18) Fluorene	15.32	166	2265	0.113	ng		99
20) 4-Bromophenyl-phenylether	16.22	248	654	0.101	ng		93
21) Hexachlorobenzene	16.32	284	1075	0.128	ng		97
22) Pentachlorophenol	16.77	266	114m	0.279	ng		
23) Phenanthrene	17.06	178	3696	0.117	ng		99
24) Anthracene	17.16	178	2843	0.104	ng		99
26) Fluoranthene	19.09	202	5044	0.127	ng		99
28) Pyrene	19.46	202	5196	0.131	ng		99
30) Benzo(a)anthracene	21.23	228	3731	0.106	ng		97
31) Chrysene	21.28	228	5151	0.131	ng		97
32) Bis(2-ethylhexyl)phthalate	21.13	149	1632	0.100	ng		98
33) Indeno(1,2,3-cd)pyrene	25.71	276	6165	0.128	ng		99
35) Benzo(b)fluoranthene	22.80	252	4625	0.110	ng	#	86
36) Benzo(k)fluoranthene	22.85	252	5655	0.120	ng	#	84
37) Benzo(a)pyrene	23.37	252	5114	0.125	ng	#	79
38) Dibenzo(a,h)anthracene	25.71	278	4884	0.119	ng	#	87
39) Benzo(g,h,i)perylene	26.38	276	5668	0.132	ng	#	93

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

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