Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071020\
Data File : BN011134.D
Acq On : 09 Jul 2020 16:14
Operator : CG/JU
Sample : PB130052BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130052BS

Quant Time: Jul 09 16:44:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 15:33:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2900	0.40	ng		0.00
7) Naphthalene-d8	10.25	136	9814	0.40	ng		0.00
13) Acenaphthene-d10	14.13	164	5733	0.40	ng		0.00
19) Phenanthrene-d10	16.89	188	10290	0.40	ng		0.00
29) Chrysene-d12	21.10	240	9105	0.40	ng		0.00
36) Perylene-d12	23.24	264	8235	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2645	0.37	ng		0.00
5) Phenol-d6	6.72	99	2863	0.35	ng		0.00
8) Nitrobenzene-d5	8.64	82	3545	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	11.85	152	8575	0.50	ng		0.00
14) 2,4,6-Tribromophenol	15.64	330	712	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.75	172	9672	0.36	ng		0.00
27) Fluoranthene-d10	18.93	212	9433	0.30	ng		0.00
31) Terphenyl-d14	19.55	244	10495	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	622	0.152	ng	#	55
3) n-Nitrosodimethylamine	3.55	42	607	0.294	ng	#	73
6) bis(2-Chloroethyl)ether	6.96	93	2385	0.316	ng		99
9) Naphthalene	10.30	128	8380	0.286	ng		100
10) Hexachlorobutadiene	10.60	225	1970	0.265	ng	#	100
12) 2-Methylnaphthalene	11.93	142	5588	0.285	ng		98
16) Acenaphthylene	13.84	152	8319	0.289	ng		99
17) Acenaphthene	14.20	154	5222	0.268	ng		100
18) Fluorene	15.19	166	5924	0.243	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	404	0.401	ng	#	82
21) 4-Bromophenyl-phenylether	16.10	248	1800	0.263	ng	#	84
22) Hexachlorobenzene	16.20	284	2111	0.262	ng		98
23) Atrazine	16.39	200	538	0.111	ng		94
24) Pentachlorophenol	16.56	266	1463	0.674	ng		93
25) Phenanthrene	16.92	178	9084	0.273	ng		100
26) Anthracene	17.02	178	7800	0.283	ng		98
28) Fluoranthene	18.96	202	10526	0.281	ng		99
30) Pyrene	19.32	202	10299	0.303	ng		99
32) Benzo(a)anthracene	21.09	228	8843	0.291	ng		99
33) Chrysene	21.13	228	10764	0.308	ng		98
34) Bis(2-ethylhexyl)phthalate	21.05	149	3520	0.286	ng		99
35) Indeno(1,2,3-cd)pyrene	25.34	276	12049	0.330	ng		99
37) Benzo(b)fluoranthene	22.61	252	9697	0.294	ng		98
38) Benzo(k)fluoranthene	22.66	252	10908	0.309	ng		98
39) Benzo(a)pyrene	23.15	252	8030	0.282	ng		98
40) Dibenzo(a,h)anthracene	25.36	278	9767	0.335	ng		98
41) Benzo(g,h,i)perylene	25.97	276	10553	0.329	ng		98

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

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