Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011665.D
Acq On : 27 Aug 2020 15:42
Operator : CG/JU
Sample : PB131164BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131164BSD

Quant Time: Aug 27 16:23:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 14:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1863	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	6916	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4158	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	9261	0.40	ng		0.00
29) Chrysene-d12	21.32	240	9507	0.40	ng		0.00
36) Perylene-d12	23.58	264	10327	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1918	0.36	ng		0.00
5) Phenol-d6	6.91	99	2555	0.36	ng		0.00
8) Nitrobenzene-d5	8.88	82	2488	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	4569	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	695	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	6479	0.37	ng		0.00
27) Fluoranthene-d10	19.16	212	10429	0.35	ng		0.00
31) Terphenyl-d14	19.77	244	9098	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1128	0.377	ng		96
3) n-Nitrosodimethylamine	3.59	42	1316	0.380	ng	#	96
6) bis(2-Chloroethyl)ether	7.17	93	2198	0.378	ng		99
9) Naphthalene	10.58	128	7271	0.368	ng		99
10) Hexachlorobutadiene	10.87	225	1650	0.380	ng	#	99
12) 2-Methylnaphthalene	12.20	142	5122	0.364	ng		100
16) Acenaphthylene	14.10	152	7056	0.349	ng		99
17) Acenaphthene	14.45	154	5029	0.360	ng		99
18) Fluorene	15.44	166	6435	0.359	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	473	0.331	ng		88
21) 4-Bromophenyl-phenylether	16.32	248	1960	0.361	ng		97
22) Hexachlorobenzene	16.44	284	2406	0.359	ng		99
23) Atrazine	16.59	200	1669	0.351	ng		99
24) Pentachlorophenol	16.79	266	907	0.341	ng		98
25) Phenanthrene	17.18	178	10651	0.356	ng		99
26) Anthracene	17.26	178	9181	0.345	ng		99
28) Fluoranthene	19.19	202	12502	0.352	ng		100
30) Pyrene	19.56	202	12612	0.382	ng		100
32) Benzo(a)anthracene	21.31	228	12529	0.369	ng		99
33) Chrysene	21.35	228	13204	0.377	ng		97
34) Bis(2-ethylhexyl)phthalate	21.25	149	4738	0.343	ng		100
35) Indeno(1,2,3-cd)pyrene	25.86	276	16876	0.370	ng		99
37) Benzo(b)fluoranthene	22.91	252	13773	0.348	ng		98
38) Benzo(k)fluoranthene	22.95	252	14348	0.354	ng		98
39) Benzo(a)pyrene	23.48	252	12117	0.342	ng		96
40) Dibenzo(a,h)anthracene	25.87	278	13918	0.348	ng		98
41) Benzo(g,h,i)perylene	26.54	276	13442	0.343	ng		98

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

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