Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062420\
Data File : BN011043.D
Acq On : 24 Jun 2020 12:02
Operator : CG/JU
Sample : PB129663BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129663BSD

Quant Time: Jun 24 12:40:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN062320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 18:53:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1999	0.40	ng		0.00
7) Naphthalene-d8	10.27	136	6837	0.40	ng		0.00
13) Acenaphthene-d10	14.14	164	3587	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	7110	0.40	ng		0.00
29) Chrysene-d12	21.11	240	6692	0.40	ng		0.00
36) Perylene-d12	23.26	264	6418	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	2330	0.41	ng		0.00
5) Phenol-d6	6.73	99	2616	0.39	ng		0.02
8) Nitrobenzene-d5	8.66	82	2152	0.35	ng		0.01
11) 2-Methylnaphthalene-d10	11.87	152	4665	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.65	330	556	0.35	ng		0.01
15) 2-Fluorobiphenyl	12.76	172	7002	0.42	ng		0.00
27) Fluoranthene-d10	18.94	212	8744	0.39	ng		0.00
31) Terphenyl-d14	19.56	244	7394	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1120	0.417	ng		99
3) n-Nitrosodimethylamine	3.57	42	541	0.361	ng	#	87
6) bis(2-Chloroethyl)ether	6.98	93	2269	0.394	ng		99
9) Naphthalene	10.32	128	8133	0.392	ng		100
10) Hexachlorobutadiene	10.61	225	2018	0.403	ng	#	99
12) 2-Methylnaphthalene	11.94	142	5408	0.389	ng		99
16) Acenaphthylene	13.85	152	7231	0.400	ng		100
17) Acenaphthene	14.21	154	4960	0.409	ng		99
18) Fluorene	15.20	166	6180	0.399	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	302	0.254	ng	#	80
21) 4-Bromophenyl-phenylether	16.11	248	1932	0.393	ng	#	77
22) Hexachlorobenzene	16.22	284	2319	0.427	ng		98
23) Atrazine	16.39	200	1206	0.332	ng	#	93
24) Pentachlorophenol	16.57	266	570	0.332	ng		95
25) Phenanthrene	16.93	178	9571	0.399	ng		100
26) Anthracene	17.03	178	7818	0.393	ng		99
28) Fluoranthene	18.97	202	10490	0.383	ng		99
30) Pyrene	19.33	202	10424	0.405	ng		99
32) Benzo(a)anthracene	21.09	228	9037	0.390	ng		99
33) Chrysene	21.15	228	10692	0.423	ng		100
34) Bis(2-ethylhexyl)phthalate	21.05	149	3248	0.348	ng		99
35) Indeno(1,2,3-cd)pyrene	25.35	276	11947	0.425	ng		99
37) Benzo(b)fluoranthene	22.62	252	10305	0.406	ng		98
38) Benzo(k)fluoranthene	22.67	252	10821	0.410	ng		99
39) Benzo(a)pyrene	23.16	252	9066	0.402	ng		97
40) Dibenzo(a,h)anthracene	25.37	278	9745	0.401	ng		98
41) Benzo(g,h,i)perylene	25.99	276	10201	0.405	ng		100

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

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