Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022222\
Data File : BN018682.D
Acq On : 22 Feb 2022 18:03
Operator : CG/JU
Sample : PB142777BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB142777BS

Quant Time: Feb 23 02:17:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:23:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	5059	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	12872	0.400	ng	#	0.00
13) Acenaphthene-d10	14.549	164	7035	0.400	ng		0.00
19) Phenanthrene-d10	17.287	188	14719	0.400	ng		0.00
29) Chrysene-d12	21.467	240	12298	0.400	ng	#	0.00
35) Perylene-d12	23.861	264	10681	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	3776	0.326	ng		0.00
5) Phenol-d6	7.067	99	4325	0.325	ng		0.00
8) Nitrobenzene-d5	9.067	82	2995	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	12.310	152	6630	0.342	ng		0.00
14) 2,4,6-Tribromophenol	16.036	330	856	0.312	ng		0.01
15) 2-Fluorobiphenyl	13.180	172	10666	0.320	ng		0.00
27) Fluoranthene-d10	19.312	212	13715	0.343	ng		0.00
31) Terphenyl-d14	19.906	244	8747	0.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	1955	0.333	ng	#	60
3) n-Nitrosodimethylamine	3.651	42	1815	0.311	ng		87
6) bis(2-Chloroethyl)ether	7.334	93	4598	0.336	ng		98
9) Naphthalene	10.776	128	12420	0.334	ng		99
10) Hexachlorobutadiene	11.075	225	2951	0.330	ng	#	100
12) 2-Methylnaphthalene	12.386	142	8782	0.353	ng		98
16) Acenaphthylene	14.271	152	9954	0.298	ng		99
17) Acenaphthene	14.613	154	7409	0.322	ng		100
18) Fluorene	15.596	166	9389	0.339	ng		98
20) 4,6-Dinitro-2-methylph...	15.660	198	504	0.305	ng		92
21) 4-Bromophenyl-phenylether	16.477	248	3153	0.301	ng	#	93
22) Hexachlorobenzene	16.600	284	4108	0.314	ng	#	87
23) Atrazine	16.733	200	1657	0.287	ng	#	92
24) Pentachlorophenol	16.938	266	604	0.301	ng		100
25) Phenanthrene	17.328	178	16034	0.325	ng		100
26) Anthracene	17.420	178	12703	0.305	ng		100
28) Fluoranthene	19.345	202	17673	0.343	ng	#	97
30) Pyrene	19.704	202	17769	0.324	ng		100
32) Benzo(a)anthracene	21.449	228	14633	0.314	ng		99
33) Chrysene	21.503	228	17494	0.336	ng		99
34) Bis(2-ethylhexyl)phtha...	21.378	149	5974	0.315	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.349	276	16672	0.296	ng	#	89
37) Benzo(b)fluoranthene	23.130	252	16037	0.330	ng	#	92
38) Benzo(k)fluoranthene	23.176	252	15608	0.324	ng	#	93
39) Benzo(a)pyrene	23.755	252	12129	0.314	ng	#	85
40) Dibenzo(a,h)anthracene	26.369	278	12685	0.288	ng	#	91
41) Benzo(g,h,i)perylene	27.112	276	13820	0.286	ng	#	89

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

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