Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021437.D
Acq On : 30 Aug 2022 01:44
Operator : CG/JU
Sample : PB147201BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147201BSD

Quant Time: Aug 30 02:49:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	5170	0.400	ng		0.00
7) Naphthalene-d8	10.909	136	16227	0.400	ng		0.00
13) Acenaphthene-d10	14.728	164	8672	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	17710	0.400	ng		0.00
29) Chrysene-d12	21.664	240	13003	0.400	ng		0.00
35) Perylene-d12	24.182	264	9221	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.599	112	3732	0.369	ng		0.00
5) Phenol-d6	7.224	99	4674	0.363	ng		0.00
8) Nitrobenzene-d5	9.254	82	3831	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.493	152	13658	0.373	ng		0.00
14) 2,4,6-Tribromophenol	16.218	330	855	0.300	ng		0.00
15) 2-Fluorobiphenyl	13.360	172	14072	0.371	ng		0.00
27) Fluoranthene-d10	19.506	212	15914	0.349	ng		0.00
31) Terphenyl-d14	20.097	244	11115	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	2527	0.391	ng	#	90
3) n-Nitrosodimethylamine	3.750	42	2126	0.365	ng	#	91
6) bis(2-Chloroethyl)ether	7.491	93	6092	0.375	ng		98
9) Naphthalene	10.952	128	17664	0.367	ng		99
10) Hexachlorobutadiene	11.240	225	3074	0.369	ng	#	99
12) 2-Methylnaphthalene	12.191	142	1985	0.375	ng		98
16) Acenaphthylene	14.450	152	13892	0.341	ng		100
17) Acenaphthene	14.793	154	10217	0.357	ng		97
18) Fluorene	15.776	166	12700	0.359	ng		100
21) 4-Bromophenyl-phenylether	16.659	248	3910	0.353	ng	#	78
22) Hexachlorobenzene	16.783	284	4954	0.366	ng		99
23) Atrazine	16.926	200	2072	0.320	ng		98
24) Pentachlorophenol	17.131	266	730	0.382	ng		98
25) Phenanthrene	17.521	178	22085	0.361	ng		100
26) Anthracene	17.613	178	16640	0.343	ng		99
28) Fluoranthene	19.535	202	22326	0.352	ng		100
30) Pyrene	19.898	202	25189	0.363	ng		99
32) Benzo(a)anthracene	21.646	228	15623	0.345	ng		100
33) Chrysene	21.700	228	19843	0.368	ng		99
34) Bis(2-ethylhexyl)phtha...	21.557	149	6134	0.336	ng		97
36) Indeno(1,2,3-cd)pyrene	26.840	276	15087	0.362	ng		100
37) Benzo(b)fluoranthene	23.404	252	15919	0.350	ng		98
38) Benzo(k)fluoranthene	23.457	252	15622	0.341	ng		99
39) Benzo(a)pyrene	24.068	252	11190	0.353	ng		99
40) Dibenzo(a,h)anthracene	26.863	278	12034	0.359	ng		97
41) Benzo(g,h,i)perylene	27.658	276	12680	0.345	ng		99

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

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