Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021594.D
Acq On : 03 Sep 2022 13:01
Operator : CG/JU
Sample : PB147398BSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147398BSD

Quant Time: Sep 05 02:39:31 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.069	152	5003	0.400	ng		0.00
7) Naphthalene-d8	10.898	136	16555	0.400	ng		0.00
13) Acenaphthene-d10	14.718	164	9654	0.400	ng		0.00
19) Phenanthrene-d10	17.470	188	19976	0.400	ng		0.00
29) Chrysene-d12	21.664	240	13725	0.400	ng		0.00
35) Perylene-d12	24.176	264	10541	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.591	112	4851	0.495	ng		0.00
5) Phenol-d6	7.216	99	6238	0.500	ng		0.00
8) Nitrobenzene-d5	9.232	82	4777	0.427	ng		-0.01
11) 2-Methylnaphthalene-d10	12.482	152	16260	0.436	ng		0.00
14) 2,4,6-Tribromophenol	16.208	330	1348	0.425	ng		-0.01
15) 2-Fluorobiphenyl	13.349	172	16262	0.385	ng		0.00
27) Fluoranthene-d10	19.497	212	19986	0.389	ng		0.00
31) Terphenyl-d14	20.088	244	13435	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2636	0.421	ng	#	88
3) n-Nitrosodimethylamine	3.743	42	2550	0.452	ng	#	94
6) bis(2-Chloroethyl)ether	7.476	93	6606	0.421	ng		97
9) Naphthalene	10.941	128	19568	0.399	ng		99
10) Hexachlorobutadiene	11.229	225	3329	0.392	ng	#	99
12) 2-Methylnaphthalene	12.180	142	3398	0.543	ng	#	94
16) Acenaphthylene	14.440	152	18058	0.398	ng		99
17) Acenaphthene	14.782	154	12710	0.399	ng		99
18) Fluorene	15.765	166	15825	0.402	ng		100
21) 4-Bromophenyl-phenylether	16.649	248	4866	0.389	ng	#	76
22) Hexachlorobenzene	16.772	284	5938	0.389	ng		99
23) Atrazine	16.916	200	3069	0.421	ng		98
24) Pentachlorophenol	17.121	266	1274	0.480	ng		98
25) Phenanthrene	17.511	178	26713	0.387	ng		100
26) Anthracene	17.603	178	21547	0.393	ng		99
28) Fluoranthene	19.527	202	27477	0.384	ng		100
30) Pyrene	19.893	202	30434	0.416	ng		97
32) Benzo(a)anthracene	21.646	228	20264	0.424	ng		99
33) Chrysene	21.700	228	22480	0.395	ng		100
34) Bis(2-ethylhexyl)phtha...	21.556	149	9393	0.488	ng		99
36) Indeno(1,2,3-cd)pyrene	26.822	276	17793	0.374	ng		100
37) Benzo(b)fluoranthene	23.401	252	18875	0.363	ng		99
38) Benzo(k)fluoranthene	23.451	252	18839	0.360	ng		100
39) Benzo(a)pyrene	24.062	252	15126	0.417	ng		99
40) Dibenzo(a,h)anthracene	26.845	278	14122	0.369	ng		97
41) Benzo(g,h,i)perylene	27.635	276	14584	0.347	ng		99

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

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