Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090222\
Data File : BN021572.D
Acq On : 02 Sep 2022 21:43
Operator : CG/JU
Sample : PB147332BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147332BSD

Quant Time: Sep 03 03:10:25 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	5487	0.400	ng	0.00
7) Naphthalene-d8	10.898	136	17427	0.400	ng	0.00
13) Acenaphthene-d10	14.718	164	10243	0.400	ng	0.00
19) Phenanthrene-d10	17.470	188	22089	0.400	ng	0.00
29) Chrysene-d12	21.655	240	13906	0.400	ng	# 0.00
35) Perylene-d12	24.176	264	9526	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	4807	0.448	ng	0.00
5) Phenol-d6	7.217	99	6034	0.441	ng	0.00
8) Nitrobenzene-d5	9.243	82	4794	0.407	ng	0.00
11) 2-Methylnaphthalene-d10	12.486	152	17991	0.458	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1249	0.371	ng	-0.01
15) 2-Fluorobiphenyl	13.349	172	17398	0.389	ng	0.00
27) Fluoranthene-d10	19.497	212	19206	0.338	ng	0.00
31) Terphenyl-d14	20.088	244	12736	0.408	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2842	0.414	ng	# 88
3) n-Nitrosodimethylamine	3.743	42	2708	0.438	ng	# 92
6) bis(2-Chloroethyl)ether	7.484	93	7192	0.418	ng	97
9) Naphthalene	10.952	128	21081	0.408	ng	99
10) Hexachlorobutadiene	11.229	225	3625	0.406	ng	# 99
12) 2-Methylnaphthalene	12.183	142	3004	0.476	ng	# 94
16) Acenaphthylene	14.440	152	18129	0.377	ng	100
17) Acenaphthene	14.782	154	13240	0.391	ng	99
18) Fluorene	15.765	166	16238	0.389	ng	100
21) 4-Bromophenyl-phenylether	16.659	248	4964	0.359	ng	99
22) Hexachlorobenzene	16.772	284	6142	0.363	ng	98
23) Atrazine	16.916	200	2775	0.344	ng	96
24) Pentachlorophenol	17.121	266	1048	0.409	ng	100
25) Phenanthrene	17.511	178	27477	0.360	ng	100
26) Anthracene	17.603	178	21479	0.355	ng	99
28) Fluoranthene	19.527	202	26756	0.338	ng	100
30) Pyrene	19.893	202	29164	0.394	ng	97
32) Benzo(a)anthracene	21.637	228	17490	0.361	ng	99
33) Chrysene	21.700	228	20225	0.351	ng	99
34) Bis(2-ethylhexyl)phtha...	21.557	149	7619	0.390	ng	98
36) Indeno(1,2,3-cd)pyrene	26.825	276	16201	0.377	ng	99
37) Benzo(b)fluoranthene	23.401	252	16288	0.347	ng	98
38) Benzo(k)fluoranthene	23.448	252	15936	0.337	ng	99
39) Benzo(a)pyrene	24.062	252	12116	0.370	ng	97
40) Dibenzo(a,h)anthracene	26.848	278	12792	0.369	ng	97
41) Benzo(g,h,i)perylene	27.641	276	13493	0.355	ng	99

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

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