Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
Data File : BN024157.D
Acq On : 07 Mar 2023 23:36
Operator : CG/JU
Sample : PB151057BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB151057BSD

Quant Time: Mar 08 04:12:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 08 03:54:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	9667	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	26818	0.400	ng		0.00
13) Acenaphthene-d10	14.688	164	12730	0.400	ng		-0.01
19) Phenanthrene-d10	17.439	188	24379	0.400	ng		0.00
29) Chrysene-d12	21.634	240	14245	0.400	ng		0.00
35) Perylene-d12	24.161	264	9859	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	8069	0.399	ng		0.00
5) Phenol-d6	7.204	99	10196	0.388	ng		0.00
8) Nitrobenzene-d5	9.217	82	4471	0.364	ng		-0.01
11) 2-Methylnaphthalene-d10	12.457	152	16559	0.387	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	1723	0.327	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	20698	0.412	ng		0.00
27) Fluoranthene-d10	19.464	212	18124	0.367	ng		0.00
31) Terphenyl-d14	20.058	244	10722	0.426	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	4004	0.414	ng		97
3) n-Nitrosodimethylamine	3.774	42	5632	0.424	ng		95
6) bis(2-Chloroethyl)ether	7.472	93	10817	0.411	ng		99
9) Naphthalene	10.925	128	27050	0.400	ng		99
10) Hexachlorobutadiene	11.224	225	5554	0.414	ng	#	100
12) 2-Methylnaphthalene	12.503	142	156	0.476	ng	#	92
16) Acenaphthylene	14.410	152	21900	0.382	ng		100
17) Acenaphthene	14.752	154	14863	0.400	ng		99
18) Fluorene	15.739	166	17147	0.385	ng		98
20) 4,6-Dinitro-2-methylph...	15.801	198	758	0.438	ng		91
21) 4-Bromophenyl-phenylether	16.620	248	4681	0.356	ng	#	71
22) Hexachlorobenzene	16.744	284	8045	0.424	ng		99
23) Atrazine	16.881	200	2522	0.374	ng	#	88
24) Pentachlorophenol	17.079	266	2305	0.395	ng		99
25) Phenanthrene	17.476	178	28931	0.402	ng		100
26) Anthracene	17.563	178	23557	0.372	ng		100
28) Fluoranthene	19.494	202	28877	0.376	ng		100
30) Pyrene	19.856	202	28190	0.457	ng		98
32) Benzo(a)anthracene	21.616	228	16560	0.376	ng		99
33) Chrysene	21.670	228	20882	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	7679	0.440	ng		100
36) Indeno(1,2,3-cd)pyrene	26.810	276	10644	0.337	ng		100
37) Benzo(b)fluoranthene	23.387	252	13735	0.379	ng		100
38) Benzo(k)fluoranthene	23.436	252	14736	0.367	ng		99
39) Benzo(a)pyrene	24.039	252	11954	0.357	ng		97
40) Dibenzo(a,h)anthracene	26.834	278	7516	0.321	ng		99
41) Benzo(g,h,i)perylene	27.623	276	11273	0.374	ng		99

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

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