Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027997.D
Acq On : 02 Oct 2023 21:10
Operator : MA/JU
Sample : PB155726BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155726BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/03/2023
Supervised By :mohammad ahmed 10/04/2023

Quant Time: Oct 03 01:30:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:18:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	4048	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	12809	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	7304	0.400	ng		-0.01
19) Phenanthrene-d10	17.343	188	15625	0.400	ng		0.00
29) Chrysene-d12	21.533	240	13669	0.400	ng		0.00
35) Perylene-d12	24.007	264	14461	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.488	112	4647	0.385	ng		0.00
5) Phenol-d6	7.105	99	5613	0.368	ng		0.00
8) Nitrobenzene-d5	9.144	82	4343	0.398	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	9419m	0.496	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	1085	0.324	ng		0.00
15) 2-Fluorobiphenyl	13.219	172	11122	0.423	ng		0.00
27) Fluoranthene-d10	19.374	212	15532	0.396	ng		0.00
31) Terphenyl-d14	19.964	244	13867	0.435	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	1454	0.320	ng	#	70
3) n-Nitrosodimethylamine	3.711	42	1966	0.378	ng		93
6) bis(2-Chloroethyl)ether	7.387	93	4746	0.387	ng		98
9) Naphthalene	10.821	128	13102	0.396	ng		100
10) Hexachlorobutadiene	11.045	225	2407	0.410	ng	#	98
12) 2-Methylnaphthalene	12.426	142	8452	0.365	ng		99
16) Acenaphthylene	14.320	152	12882	0.398	ng		100
17) Acenaphthene	14.651	154	8091	0.392	ng		99
18) Fluorene	15.643	166	10680	0.399	ng		100
20) 4,6-Dinitro-2-methylph...	16.797	198	91	0.438	ng	#	80
21) 4-Bromophenyl-phenylether	16.524	248	3060	0.376	ng		98
22) Hexachlorobenzene	16.611	284	3614	0.423	ng		99
23) Atrazine	16.797	200	2675	0.376	ng		99
24) Pentachlorophenol	16.983	266	14965	3.717	ng		95
25) Phenanthrene	17.393	178	16807	0.399	ng		99
26) Anthracene	17.480	178	15123	0.380	ng		99
28) Fluoranthene	19.407	202	18962	0.390	ng		100
30) Pyrene	19.774	202	19655	0.392	ng		100
32) Benzo(a)anthracene	21.515	228	18733	0.403	ng		100
33) Chrysene	21.569	228	18434	0.411	ng		98
34) Bis(2-ethylhexyl)phtha...	21.390	149	11062	0.362	ng		100
36) Indeno(1,2,3-cd)pyrene	26.609	276	20170	0.415	ng		100
37) Benzo(b)fluoranthene	23.241	252	18844	0.403	ng		99
38) Benzo(k)fluoranthene	23.294	252	18056	0.381	ng		99
39) Benzo(a)pyrene	23.899	252	16413	0.372	ng		98
40) Dibenzo(a,h)anthracene	26.627	278	16491	0.414	ng		99
41) Benzo(g,h,i)perylene	27.425	276	16428	0.402	ng		99

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

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