Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033230.D
Acq On : 03 Aug 2024 09:47
Operator : MA/JU
Sample : PB162464BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162464BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 03:25:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152	2491	0.400	ng		0.00
7) Naphthalene-d8	10.297	136	9091	0.400	ng	#	0.01
13) Acenaphthene-d10	14.147	164	5314	0.400	ng		0.01
19) Phenanthrene-d10	16.932	188	9888	0.400	ng		0.01
29) Chrysene-d12	21.151	240	6438	0.400	ng		0.02
35) Perylene-d12	23.329	264	7501	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.271	112	2712m	0.430	ng		0.03
5) Phenol-d6	6.910	99	3502m	0.448	ng		0.03
8) Nitrobenzene-d5	8.845	82	2856m	0.417	ng		0.03
11) 2-Methylnaphthalene-d10	11.920	152	4990	0.359	ng		0.02
14) 2,4,6-Tribromophenol	15.728	330	528	0.232	ng		0.01
15) 2-Fluorobiphenyl	12.800	172	7468	0.378	ng		0.01
27) Fluoranthene-d10	18.973	212	8284	0.324	ng		0.01
31) Terphenyl-d14	19.573	244	5246	0.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.083	88	1455	0.471	ng	#	83
3) n-Nitrosodimethylamine	3.480	42	1212	0.465	ng	#	81
6) bis(2-Chloroethyl)ether	7.040	93	2908m	0.445	ng		
9) Naphthalene	10.351	128	9535	0.379	ng		97
10) Hexachlorobutadiene	10.532	225	1789	0.372	ng	#	100
12) 2-Methylnaphthalene	11.999	142	5307	0.323	ng	#	95
16) Acenaphthylene	13.880	152	8159	0.377	ng		99
17) Acenaphthene	14.211	154	5936	0.388	ng		99
18) Fluorene	15.227	166	7364	0.360	ng		99
21) 4-Bromophenyl-phenylether	16.126	248	2146	0.369	ng		92
22) Hexachlorobenzene	16.213	284	2310	0.355	ng	#	86
23) Atrazine	16.424	200	1536	0.359	ng		98
24) Pentachlorophenol	16.647	266	456	0.189	ng		99
25) Phenanthrene	16.982	178	9785	0.362	ng		100
26) Anthracene	17.094	178	8121m	0.365	ng		
28) Fluoranthene	19.006	202	10528	0.322	ng		99
30) Pyrene	19.368	202	10671	0.406	ng		99
32) Benzo(a)anthracene	21.134	228	6184	0.304	ng		97
33) Chrysene	21.187	228	9949	0.411	ng		98
34) Bis(2-ethylhexyl)phtha...	21.008	149	5154	0.457	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.537	276	11325	0.383	ng		99
37) Benzo(b)fluoranthene	22.677	252	7701	0.295	ng		97
38) Benzo(k)fluoranthene	22.721	252	10319	0.346	ng		97
39) Benzo(a)pyrene	23.247	252	8089	0.343	ng		96
40) Dibenzo(a,h)anthracene	25.531	278	8934	0.383	ng		95
41) Benzo(g,h,i)perylene	26.203	276	10310	0.399	ng		97

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

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