Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
Data File : BN033839.D
Acq On : 10 Sep 2024 12:29
Operator : MA/JU
Sample : PB163188BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163188BSD

Quant Time: Sep 10 13:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.502	152	4763	0.400	ng		-0.01
7) Naphthalene-d8	10.261	136	12303	0.400	ng		#-0.01
13) Acenaphthene-d10	14.135	164	5800	0.400	ng		-0.02
19) Phenanthrene-d10	16.892	188	11594	0.400	ng		-0.01
29) Chrysene-d12	21.112	240	8473	0.400	ng		# 0.00
35) Perylene-d12	23.265	264	9138	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.140	112	5458	0.374	ng		-0.01
5) Phenol-d6	6.693	99	6404	0.371	ng		-0.01
8) Nitrobenzene-d5	8.638	82	3962	0.378	ng		-0.01
11) 2-Methylnaphthalene-d10	11.858	152	6706	0.386	ng		-0.02
14) 2,4,6-Tribromophenol	15.638	330	1095	0.374	ng		-0.01
15) 2-Fluorobiphenyl	12.756	172	9442	0.390	ng		-0.01
27) Fluoranthene-d10	18.938	212	10860	0.380	ng		0.00
31) Terphenyl-d14	19.551	244	7304	0.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2183	0.403	ng		97
3) n-Nitrosodimethylamine	3.450	42	2712	0.426	ng		92
6) bis(2-Chloroethyl)ether	6.945	93	5080	0.390	ng		99
9) Naphthalene	10.304	128	12698	0.386	ng		99
10) Hexachlorobutadiene	10.602	225	2684	0.392	ng	#	99
12) 2-Methylnaphthalene	11.933	142	7812	0.388	ng		99
16) Acenaphthylene	13.857	152	9423	0.376	ng		100
17) Acenaphthene	14.199	154	6785	0.395	ng		99
18) Fluorene	15.194	166	8508	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.279	198	681	0.372	ng		95
21) 4-Bromophenyl-phenylether	16.098	248	2561	0.381	ng		96
22) Hexachlorobenzene	16.209	284	2998	0.389	ng		96
23) Atrazine	16.383	200	2154	0.402	ng		97
24) Pentachlorophenol	16.557	266	1132	0.359	ng		99
25) Phenanthrene	16.929	178	12473	0.390	ng		100
26) Anthracene	17.029	178	10618	0.382	ng		100
28) Fluoranthene	18.965	202	13645	0.381	ng		99
30) Pyrene	19.333	202	14000	0.410	ng		100
32) Benzo(a)anthracene	21.094	228	11678	0.386	ng		99
33) Chrysene	21.148	228	12093	0.404	ng		97
34) Bis(2-ethylhexyl)phtha...	21.050	149	6443	0.391	ng		100
36) Indeno(1,2,3-cd)pyrene	25.384	276	15519	0.411	ng		99
37) Benzo(b)fluoranthene	22.624	252	12938	0.385	ng		98
38) Benzo(k)fluoranthene	22.665	252	13156	0.402	ng		100
39) Benzo(a)pyrene	23.168	252	10828	0.386	ng		98
40) Dibenzo(a,h)anthracene	25.405	278	12393	0.409	ng		98
41) Benzo(g,h,i)perylene	26.033	276	13288	0.405	ng		98

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

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