Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033515.D
Acq On : 20 Aug 2024 20:40
Operator : MA/JU
Sample : PB162851BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162851BS

Quant Time: Aug 20 23:22:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	9731	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	25646	0.400	ng	#	0.00
13) Acenaphthene-d10	14.189	164	12583	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	24090	0.400	ng	#	0.00
29) Chrysene-d12	21.148	240	15815	0.400	ng	#	0.00
35) Perylene-d12	23.315	264	16027	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	8990	0.291	ng		0.00
5) Phenol-d6	6.736	99	11275	0.306	ng		0.00
8) Nitrobenzene-d5	8.681	82	7597	0.357	ng		-0.01
11) 2-Methylnaphthalene-d10	11.911	152	13030	0.355	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	1763	0.261	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	20033	0.390	ng		0.00
27) Fluoranthene-d10	18.975	212	19455	0.336	ng		0.00
31) Terphenyl-d14	19.593	244	11564	0.322	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4036	0.360	ng		97
3) n-Nitrosodimethylamine	3.479	42	4667	0.358	ng	#	95
6) bis(2-Chloroethyl)ether	6.989	93	10310	0.395	ng		99
9) Naphthalene	10.357	128	26390	0.385	ng		100
10) Hexachlorobutadiene	10.656	225	5243	0.384	ng	#	100
12) 2-Methylnaphthalene	11.983	142	16366	0.377	ng		100
16) Acenaphthylene	13.900	152	19831	0.359	ng		100
17) Acenaphthene	14.253	154	14621	0.377	ng		99
18) Fluorene	15.236	166	17973	0.367	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	1128	0.300	ng	#	85
21) 4-Bromophenyl-phenylether	16.135	248	5630	0.385	ng	#	73
22) Hexachlorobenzene	16.247	284	6528	0.404	ng		98
23) Atrazine	16.420	200	3726	0.319	ng	#	95
24) Pentachlorophenol	16.594	266	2081	0.297	ng		98
25) Phenanthrene	16.979	178	26120	0.390	ng		100
26) Anthracene	17.066	178	21646	0.365	ng		99
28) Fluoranthene	19.007	202	26931	0.364	ng		100
30) Pyrene	19.370	202	27080	0.384	ng		100
32) Benzo(a)anthracene	21.130	228	21895	0.383	ng		99
33) Chrysene	21.184	228	22293	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	11914	0.329	ng		98
36) Indeno(1,2,3-cd)pyrene	25.466	276	26068	0.392	ng		99
37) Benzo(b)fluoranthene	22.668	252	23458	0.392	ng		99
38) Benzo(k)fluoranthene	22.712	252	22574	0.383	ng		97
39) Benzo(a)pyrene	23.218	252	18586	0.375	ng		98
40) Dibenzo(a,h)anthracene	25.481	278	20586	0.387	ng		99
41) Benzo(g,h,i)perylene	26.118	276	22404	0.394	ng		100

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

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