Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033507.D
Acq On : 20 Aug 2024 15:51
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 20 16:56:59 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	8554	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	22897	0.400	ng	#	0.00
13) Acenaphthene-d10	14.189	164	11496	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	22430	0.400	ng	#	0.00
29) Chrysene-d12	21.148	240	13701	0.400	ng	#	0.00
35) Perylene-d12	23.317	264	14151	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	8571	0.315	ng		0.00
5) Phenol-d6	6.736	99	10914	0.337	ng		0.00
8) Nitrobenzene-d5	8.681	82	6385	0.336	ng		-0.01
11) 2-Methylnaphthalene-d10	11.911	152	11605	0.354	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	1710	0.277	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	17512	0.373	ng		0.00
27) Fluoranthene-d10	18.980	212	17678	0.328	ng		0.00
31) Terphenyl-d14	19.593	244	11258	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	3514	0.357	ng		99
3) n-Nitrosodimethylamine	3.479	42	4054	0.354	ng	#	90
6) bis(2-Chloroethyl)ether	6.989	93	8610	0.375	ng		98
9) Naphthalene	10.357	128	22162	0.362	ng		100
10) Hexachlorobutadiene	10.656	225	4487	0.368	ng	#	99
12) 2-Methylnaphthalene	11.986	142	13908	0.359	ng		99
16) Acenaphthylene	13.900	152	17010	0.337	ng		99
17) Acenaphthene	14.253	154	12556	0.354	ng		99
18) Fluorene	15.247	166	15578	0.348	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	938	0.268	ng		91
21) 4-Bromophenyl-phenylether	16.147	248	4939	0.363	ng	#	90
22) Hexachlorobenzene	16.247	284	5658	0.376	ng		97
23) Atrazine	16.420	200	3487	0.321	ng		96
24) Pentachlorophenol	16.594	266	1796	0.276	ng		97
25) Phenanthrene	16.979	178	23089	0.370	ng		100
26) Anthracene	17.066	178	18686	0.338	ng		99
28) Fluoranthene	19.007	202	23238	0.337	ng		100
30) Pyrene	19.370	202	23136	0.378	ng		100
32) Benzo(a)anthracene	21.130	228	17904	0.361	ng		100
33) Chrysene	21.184	228	18620	0.378	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	9328	0.297	ng		98
36) Indeno(1,2,3-cd)pyrene	25.475	276	22396	0.381	ng		99
37) Benzo(b)fluoranthene	22.674	252	19952	0.378	ng		98
38) Benzo(k)fluoranthene	22.715	252	19638	0.378	ng		99
39) Benzo(a)pyrene	23.224	252	15088	0.345	ng		99
40) Dibenzo(a,h)anthracene	25.493	278	17860	0.380	ng		98
41) Benzo(g,h,i)perylene	26.124	276	18653	0.371	ng		99

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

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