Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
Data File : BN033322.D
Acq On : 09 Aug 2024 18:19
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Aug 09 18:55:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.587	152	4193	0.400	ng		0.00
7) Naphthalene-d8	10.349	136	11697	0.400	ng	#	0.00
13) Acenaphthene-d10	14.212	164	6396	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	14966	0.400	ng	#	0.00
29) Chrysene-d12	21.175	240	13185	0.400	ng		0.00
35) Perylene-d12	23.358	264	14779	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.204	112	3746	0.339	ng		0.00
5) Phenol-d6	6.757	99	5116	0.339	ng		0.00
8) Nitrobenzene-d5	8.715	82	3193	0.447	ng		0.00
11) 2-Methylnaphthalene-d10	11.947	152	6750	0.370	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	887	0.343	ng		-0.01
15) 2-Fluorobiphenyl	12.844	172	11087	0.460	ng		0.00
27) Fluoranthene-d10	19.007	212	15023	0.365	ng		0.00
31) Terphenyl-d14	19.625	244	8708	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1864	0.402	ng		92
3) n-Nitrosodimethylamine	3.492	42	2519	0.427	ng	#	85
6) bis(2-Chloroethyl)ether	7.024	93	5041	0.391	ng		96
9) Naphthalene	10.391	128	13349	0.406	ng		98
10) Hexachlorobutadiene	10.701	225	2672	0.443	ng	#	99
12) 2-Methylnaphthalene	12.019	142	8673	0.383	ng		98
16) Acenaphthylene	13.934	152	12321	0.395	ng		100
17) Acenaphthene	14.277	154	8384	0.423	ng		96
18) Fluorene	15.271	166	10977	0.415	ng		100
20) 4,6-Dinitro-2-methylph...	15.346	198	611	0.571	ng	#	37
21) 4-Bromophenyl-phenylether	16.176	248	3746	0.412	ng	#	78
22) Hexachlorobenzene	16.276	284	4350	0.456	ng		95
23) Atrazine	16.449	200	2333	0.311	ng	#	93
24) Pentachlorophenol	16.623	266	1197	0.358	ng		99
25) Phenanthrene	17.008	178	18121	0.418	ng		99
26) Anthracene	17.095	178	15384	0.365	ng		100
28) Fluoranthene	19.035	202	21500	0.394	ng		100
30) Pyrene	19.397	202	21896	0.422	ng		100
32) Benzo(a)anthracene	21.157	228	19517	0.381	ng		100
33) Chrysene	21.210	228	21156	0.427	ng		100
34) Bis(2-ethylhexyl)phtha...	21.139	149	7257	0.274	ng		100
36) Indeno(1,2,3-cd)pyrene	25.536	276	23480	0.363	ng		99
37) Benzo(b)fluoranthene	22.709	252	20479	0.373	ng		97
38) Benzo(k)fluoranthene	22.753	252	22143	0.415	ng		99
39) Benzo(a)pyrene	23.261	252	17277	0.354	ng		97
40) Dibenzo(a,h)anthracene	25.556	278	18680	0.366	ng		98
41) Benzo(g,h,i)perylene	26.194	276	21397	0.385	ng		97

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

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