Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033364.D
Acq On : 13 Aug 2024 14:22
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 13 15:16:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	4306	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	12002	0.400	ng	#	0.00
13) Acenaphthene-d10	14.202	164	6865	0.400	ng		-0.01
19) Phenanthrene-d10	16.958	188	16803	0.400	ng		0.00
29) Chrysene-d12	21.166	240	13957	0.400	ng		0.00
35) Perylene-d12	23.352	264	13659	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.189	112	4426	0.372	ng		0.00
5) Phenol-d6	6.742	99	6127	0.381	ng		0.00
8) Nitrobenzene-d5	8.705	82	3668	0.405	ng		0.00
11) 2-Methylnaphthalene-d10	11.932	152	7065	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	1150	0.327	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	11680	0.415	ng		0.00
27) Fluoranthene-d10	18.998	212	16459	0.366	ng		0.00
31) Terphenyl-d14	19.615	244	10411	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	1929	0.403	ng		96
3) n-Nitrosodimethylamine	3.485	42	2732	0.443	ng		87
6) bis(2-Chloroethyl)ether	7.009	93	5074	0.390	ng		97
9) Naphthalene	10.381	128	13331	0.403	ng		100
10) Hexachlorobutadiene	10.690	225	2606	0.413	ng	#	99
12) 2-Methylnaphthalene	12.008	142	8729	0.391	ng		98
16) Acenaphthylene	13.924	152	12174	0.380	ng		100
17) Acenaphthene	14.266	154	8847	0.402	ng		99
18) Fluorene	15.260	166	11663	0.402	ng		98
20) 4,6-Dinitro-2-methylph...	15.335	198	761	0.373	ng	#	89
21) 4-Bromophenyl-phenylether	16.164	248	3784	0.376	ng	#	82
22) Hexachlorobenzene	16.263	284	4488	0.398	ng		94
23) Atrazine	16.437	200	2646	0.332	ng	#	91
24) Pentachlorophenol	16.611	266	1743	0.383	ng		98
25) Phenanthrene	16.996	178	19551	0.403	ng		100
26) Anthracene	17.082	178	16195	0.377	ng		100
28) Fluoranthene	19.030	202	22604	0.378	ng		100
30) Pyrene	19.392	202	22894	0.412	ng		100
32) Benzo(a)anthracene	21.157	228	19794	0.380	ng		99
33) Chrysene	21.202	228	21413	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.130	149	8075	0.341	ng		99
36) Indeno(1,2,3-cd)pyrene	25.521	276	19128	0.339	ng		97
37) Benzo(b)fluoranthene	22.703	252	20332	0.396	ng		99
38) Benzo(k)fluoranthene	22.744	252	21412	0.408	ng		99
39) Benzo(a)pyrene	23.256	252	15479	0.358	ng		98
40) Dibenzo(a,h)anthracene	25.545	278	15328	0.344	ng		97
41) Benzo(g,h,i)perylene	26.176	276	17334	0.351	ng		98

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

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