Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031825\
Data File : BN036683.D
Acq On : 18 Mar 2025 09:21
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 18 10:42:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	1819	0.400	ng		-0.01
7) Naphthalene-d8	10.498	136	4524	0.400	ng		-0.01
13) Acenaphthene-d10	14.355	164	2641	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	5270	0.400	ng		-0.01
29) Chrysene-d12	21.286	240	3871	0.400	ng		0.00
35) Perylene-d12	23.537	264	3319	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	1477	0.348	ng		0.00
5) Phenol-d6	6.886	99	1826	0.349	ng		-0.01
8) Nitrobenzene-d5	8.864	82	1719	0.349	ng		-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2368	0.352	ng		-0.02
14) 2,4,6-Tribromophenol	15.845	330	453	0.378	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	5641	0.367	ng		-0.01
27) Fluoranthene-d10	19.132	212	5107	0.378	ng		0.00
31) Terphenyl-d14	19.740	244	3227	0.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	845	0.419	ng		97
3) n-Nitrosodimethylamine	3.550	42	1629	0.399	ng		90
6) bis(2-Chloroethyl)ether	7.139	93	1789	0.330	ng		95
9) Naphthalene	10.551	128	4773	0.359	ng		99
10) Hexachlorobutadiene	10.840	225	1126	0.359	ng	#	98
12) 2-Methylnaphthalene	12.172	142	3000	0.354	ng		98
16) Acenaphthylene	14.067	152	4550	0.365	ng		100
17) Acenaphthene	14.409	154	2968	0.364	ng		100
18) Fluorene	15.403	166	4104	0.372	ng		100
20) 4,6-Dinitro-2-methylph...	15.499	198	334	0.394	ng		94
21) 4-Bromophenyl-phenylether	16.304	248	1254	0.380	ng	#	78
22) Hexachlorobenzene	16.404	284	1466	0.368	ng		94
23) Atrazine	16.577	200	977	0.369	ng		95
24) Pentachlorophenol	16.764	266	643	0.354	ng		99
25) Phenanthrene	17.136	178	6044	0.382	ng		99
26) Anthracene	17.235	178	5428	0.381	ng		99
28) Fluoranthene	19.164	202	6897	0.388	ng		99
30) Pyrene	19.527	202	6775	0.358	ng		99
32) Benzo(a)anthracene	21.277	228	4798	0.356	ng		99
33) Chrysene	21.322	228	5558	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.205	149	3479	0.363	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.817	276	4216	0.352	ng		95
37) Benzo(b)fluoranthene	22.861	252	4509	0.373	ng		97
38) Benzo(k)fluoranthene	22.905	252	4672	0.369	ng		96
39) Benzo(a)pyrene	23.440	252	3758	0.369	ng		97
40) Dibenzo(a,h)anthracene	25.838	278	3134	0.336	ng		98
41) Benzo(g,h,i)perylene	26.513	276	3819	0.358	ng		98

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

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