Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060525\
Data File : BN037187.D
Acq On : 05 Jun 2025 19:22
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 06 02:56:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.590	152	1578	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	4141	0.400	ng		0.00
13) Acenaphthene-d10	14.235	164	2400	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4401	0.400	ng		0.00
29) Chrysene-d12	21.180	240	2785	0.400	ng	#	0.00
35) Perylene-d12	23.377	264	2510	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.185	112	1495	0.383	ng		0.00
5) Phenol-d6	6.766	99	1846	0.390	ng		0.00
8) Nitrobenzene-d5	8.739	82	1752	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	2352	0.408	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	359	0.372	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	3812	0.373	ng		0.00
27) Fluoranthene-d10	19.026	212	4107	0.367	ng		0.00
31) Terphenyl-d14	19.635	244	2594	0.396	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	785	0.373	ng		99
3) n-Nitrosodimethylamine	3.437	42	1784	0.422	ng	#	94
6) bis(2-Chloroethyl)ether	7.026	93	1746	0.387	ng		99
9) Naphthalene	10.415	128	4602	0.385	ng		99
10) Hexachlorobutadiene	10.714	225	1054	0.405	ng	#	99
12) 2-Methylnaphthalene	12.042	142	2891	0.378	ng		99
16) Acenaphthylene	13.957	152	4119	0.350	ng		99
17) Acenaphthene	14.299	154	2712	0.355	ng		99
18) Fluorene	15.293	166	3556	0.354	ng		98
20) 4,6-Dinitro-2-methylph...	15.389	198	342	0.540	ng	#	61
21) 4-Bromophenyl-phenylether	16.190	248	1094	0.379	ng		95
22) Hexachlorobenzene	16.301	284	1157	0.372	ng		96
23) Atrazine	16.463	200	891	0.374	ng		97
24) Pentachlorophenol	16.649	266	546	0.508	ng		96
25) Phenanthrene	17.034	178	5094	0.357	ng		99
26) Anthracene	17.120	178	4558	0.350	ng		98
28) Fluoranthene	19.054	202	5402	0.343	ng		99
30) Pyrene	19.417	202	5334	0.392	ng		100
32) Benzo(a)anthracene	21.171	228	3682	0.365	ng		98
33) Chrysene	21.216	228	4115	0.367	ng		99
34) Bis(2-ethylhexyl)phtha...	21.108	149	2521	0.396	ng		99
36) Indeno(1,2,3-cd)pyrene	25.570	276	3943	0.395	ng		96
37) Benzo(b)fluoranthene	22.720	252	3636	0.359	ng		97
38) Benzo(k)fluoranthene	22.763	252	3715	0.359	ng		97
39) Benzo(a)pyrene	23.281	252	3086	0.364	ng	#	90
40) Dibenzo(a,h)anthracene	25.588	278	2990	0.388	ng		97
41) Benzo(g,h,i)perylene	26.243	276	3379	0.382	ng		100

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

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