Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070225\
Data File : BN037425.D
Acq On : 02 Jul 2025 14:04
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 02 15:25:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	2413	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	5075	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	3293	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	6783	0.400	ng		0.00
29) Chrysene-d12	21.162	240	6416	0.400	ng	#	0.00
35) Perylene-d12	23.351	264	6880	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	2025	0.435	ng		0.00
5) Phenol-d6	6.744	99	1953	0.405	ng		0.00
8) Nitrobenzene-d5	8.707	82	1565	0.385	ng		-0.01
11) 2-Methylnaphthalene-d10	11.940	152	2967	0.378	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	737	0.382	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	5710	0.402	ng		0.00
27) Fluoranthene-d10	19.003	212	7271	0.374	ng		0.00
31) Terphenyl-d14	19.612	244	5456	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	953	0.416	ng		94
3) n-Nitrosodimethylamine	3.415	42	881	0.390	ng		87
6) bis(2-Chloroethyl)ether	6.997	93	1697	0.396	ng		99
9) Naphthalene	10.383	128	5115	0.392	ng		99
10) Hexachlorobutadiene	10.671	225	2063	0.398	ng	#	99
12) 2-Methylnaphthalene	12.011	142	3461	0.385	ng		98
16) Acenaphthylene	13.925	152	5342	0.391	ng		99
17) Acenaphthene	14.277	154	3427	0.384	ng		99
18) Fluorene	15.272	166	4710	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.368	198	441	0.253	ng	#	79
21) 4-Bromophenyl-phenylether	16.165	248	1793	0.375	ng		100
22) Hexachlorobenzene	16.276	284	2027	0.394	ng		99
23) Atrazine	16.450	200	1418	0.374	ng		97
24) Pentachlorophenol	16.624	266	1211	0.436	ng		97
25) Phenanthrene	17.009	178	7236	0.379	ng		99
26) Anthracene	17.096	178	6598	0.376	ng		100
28) Fluoranthene	19.031	202	9402	0.385	ng		99
30) Pyrene	19.398	202	9586	0.395	ng		100
32) Benzo(a)anthracene	21.153	228	7891	0.391	ng		99
33) Chrysene	21.198	228	9635	0.386	ng		98
34) Bis(2-ethylhexyl)phtha...	21.090	149	3522	0.441	ng		100
36) Indeno(1,2,3-cd)pyrene	25.535	276	10959	0.378	ng	#	94
37) Benzo(b)fluoranthene	22.696	252	9135	0.377	ng		98
38) Benzo(k)fluoranthene	22.743	252	10022	0.387	ng		97
39) Benzo(a)pyrene	23.255	252	8377	0.388	ng	#	94
40) Dibenzo(a,h)anthracene	25.550	278	7428	0.333	ng		99
41) Benzo(g,h,i)perylene	26.193	276	10322	0.388	ng		99

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

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