Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037532.D
Acq On : 22 Jul 2025 10:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 22 11:15:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2751	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	7206	0.400	ng		-0.01
13) Acenaphthene-d10	14.355	164	3790	0.400	ng		0.00
19) Phenanthrene-d10	17.086	188	7043	0.400	ng		#-0.01
29) Chrysene-d12	21.277	240	6014	0.400	ng		0.00
35) Perylene-d12	23.513	264	5778	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.305	112	2652	0.390	ng		0.00
5) Phenol-d6	6.879	99	3282	0.385	ng		0.00
8) Nitrobenzene-d5	8.854	82	1931	0.358	ng		-0.01
11) 2-Methylnaphthalene-d10	12.095	152	3783	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.833	330	553	0.297	ng		-0.01
15) 2-Fluorobiphenyl	12.978	172	7991	0.405	ng		0.00
27) Fluoranthene-d10	19.122	212	6491	0.348	ng		0.00
31) Terphenyl-d14	19.726	244	4509	0.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1135	0.429	ng		93
3) n-Nitrosodimethylamine	3.543	42	1226	0.369	ng	#	97
6) bis(2-Chloroethyl)ether	7.146	93	2858	0.402	ng		99
9) Naphthalene	10.551	128	7455	0.388	ng		100
10) Hexachlorobutadiene	10.850	225	1651	0.389	ng	#	99
12) 2-Methylnaphthalene	12.166	142	4760	0.377	ng		99
16) Acenaphthylene	14.067	152	6666	0.393	ng		100
17) Acenaphthene	14.409	154	4419	0.383	ng		99
18) Fluorene	15.403	166	5599	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.467	198	281	0.385	ng		86
21) 4-Bromophenyl-phenylether	16.292	248	1722	0.382	ng	#	90
22) Hexachlorobenzene	16.404	284	2345	0.402	ng		99
23) Atrazine	16.565	200	919	0.292	ng		98
24) Pentachlorophenol	16.739	266	796	0.304	ng		97
25) Phenanthrene	17.136	178	8137	0.386	ng		100
26) Anthracene	17.223	178	7179	0.373	ng		100
28) Fluoranthene	19.155	202	8766	0.360	ng		100
30) Pyrene	19.513	202	8728	0.360	ng		100
32) Benzo(a)anthracene	21.259	228	7938	0.377	ng		100
33) Chrysene	21.313	228	9201	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	2745	0.290	ng		98
36) Indeno(1,2,3-cd)pyrene	25.779	276	9143	0.380	ng		99
37) Benzo(b)fluoranthene	22.841	252	7956	0.363	ng		99
38) Benzo(k)fluoranthene	22.885	252	8593	0.380	ng		97
39) Benzo(a)pyrene	23.417	252	7309	0.399	ng		98
40) Dibenzo(a,h)anthracene	25.794	278	6954	0.357	ng		97
41) Benzo(g,h,i)perylene	26.466	276	7290	0.361	ng		99

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

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