Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037903.D
Acq On : 26 Sep 2025 00:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 26 00:52:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	8644	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	24903	0.400	ng		0.00
13) Acenaphthene-d10	14.473	164	13049	0.400	ng		0.00
19) Phenanthrene-d10	17.223	188	25791	0.400	ng		0.00
29) Chrysene-d12	21.402	240	22233	0.400	ng	#	0.00
35) Perylene-d12	23.727	264	21166	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	8336	0.423	ng		0.00
5) Phenol-d6	6.973	99	10951	0.423	ng		0.00
8) Nitrobenzene-d5	8.971	82	7844	0.413	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	12862	0.372	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	1911	0.386	ng		0.00
15) 2-Fluorobiphenyl	13.094	172	21332	0.399	ng		0.00
27) Fluoranthene-d10	19.252	212	23737	0.366	ng		0.00
31) Terphenyl-d14	19.847	244	16742	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	3558	0.405	ng		98
3) n-Nitrosodimethylamine	3.600	42	4457	0.382	ng	#	92
6) bis(2-Chloroethyl)ether	7.233	93	9566	0.398	ng		98
9) Naphthalene	10.669	128	27376	0.399	ng		99
10) Hexachlorobutadiene	10.968	225	4745	0.405	ng	#	99
12) 2-Methylnaphthalene	12.288	142	17177	0.383	ng		99
16) Acenaphthylene	14.195	152	22451	0.379	ng		100
17) Acenaphthene	14.537	154	15885	0.376	ng		99
18) Fluorene	15.522	166	19150	0.375	ng		99
20) 4,6-Dinitro-2-methylph...	15.597	198	1093	0.397	ng		93
21) 4-Bromophenyl-phenylether	16.416	248	6237	0.371	ng		93
22) Hexachlorobenzene	16.528	284	7720	0.379	ng		100
23) Atrazine	16.677	200	4935	0.386	ng	#	90
24) Pentachlorophenol	16.875	266	2503	0.358	ng		96
25) Phenanthrene	17.260	178	31927	0.376	ng		100
26) Anthracene	17.347	178	26276	0.357	ng		100
28) Fluoranthene	19.280	202	34198	0.366	ng		100
30) Pyrene	19.643	202	34069	0.388	ng		100
32) Benzo(a)anthracene	21.384	228	29033	0.374	ng		99
33) Chrysene	21.438	228	32664	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	10460	0.340	ng		100
36) Indeno(1,2,3-cd)pyrene	26.104	276	37137	0.384	ng		98
37) Benzo(b)fluoranthene	23.022	252	34345	0.376	ng		99
38) Benzo(k)fluoranthene	23.069	252	35933	0.391	ng		98
39) Benzo(a)pyrene	23.624	252	27366	0.379	ng		97
40) Dibenzo(a,h)anthracene	26.121	278	28313	0.375	ng		100
41) Benzo(g,h,i)perylene	26.826	276	28079	0.354	ng		98

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

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