Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037156.D
Acq On : 03 Jun 2025 20:49
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 04 02:17:21 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	7.597	152	2847	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	7454	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	3959	0.400	ng		0.01
19) Phenanthrene-d10	16.984	188	6963	0.400	ng		0.00
29) Chrysene-d12	21.180	240	4663	0.400	ng	#	0.00
35) Perylene-d12	23.374	264	4134	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	2747	0.390	ng		0.00
5) Phenol-d6	6.766	99	3349	0.392	ng		0.00
8) Nitrobenzene-d5	8.739	82	3112	0.396	ng		0.00
11) 2-Methylnaphthalene-d10	11.970	152	4117	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.742	330	530	0.332	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	6493	0.385	ng		0.00
27) Fluoranthene-d10	19.026	212	6408	0.362	ng		0.00
31) Terphenyl-d14	19.635	244	4148	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	1349	0.355	ng		97
3) n-Nitrosodimethylamine	3.437	42	2761	0.362	ng		93
6) bis(2-Chloroethyl)ether	7.026	93	3386	0.416	ng		98
9) Naphthalene	10.415	128	8409	0.391	ng		98
10) Hexachlorobutadiene	10.714	225	1828	0.390	ng	#	100
12) 2-Methylnaphthalene	12.041	142	5139	0.373	ng		97
16) Acenaphthylene	13.956	152	6926	0.357	ng		100
17) Acenaphthene	14.299	154	4514	0.358	ng		99
18) Fluorene	15.293	166	5707	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	432	0.486	ng		93
21) 4-Bromophenyl-phenylether	16.189	248	1648	0.361	ng		96
22) Hexachlorobenzene	16.301	284	1920	0.390	ng		96
23) Atrazine	16.462	200	1242	0.330	ng		95
24) Pentachlorophenol	16.649	266	773	0.477	ng		96
25) Phenanthrene	17.033	178	8181	0.363	ng		100
26) Anthracene	17.120	178	7122	0.346	ng		99
28) Fluoranthene	19.059	202	8482	0.340	ng		99
30) Pyrene	19.416	202	8406	0.369	ng		100
32) Benzo(a)anthracene	21.171	228	6299	0.373	ng		100
33) Chrysene	21.215	228	6799	0.362	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3609	0.339	ng		100
36) Indeno(1,2,3-cd)pyrene	25.570	276	6208	0.377	ng		97
37) Benzo(b)fluoranthene	22.719	252	6084	0.365	ng	#	96
38) Benzo(k)fluoranthene	22.760	252	6521	0.383	ng	#	95
39) Benzo(a)pyrene	23.278	252	5220	0.373	ng		96
40) Dibenzo(a,h)anthracene	25.585	278	4840	0.382	ng		98
41) Benzo(g,h,i)perylene	26.237	276	5450	0.374	ng		98

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

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