Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037316.D
Acq On : 18 Jun 2025 15:55
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jun 18 18:33:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	643	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	1382	0.400	ng		0.00
13) Acenaphthene-d10	14.224	164	990	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2267	0.400	ng		0.00
29) Chrysene-d12	21.170	240	2580	0.400	ng		0.00
35) Perylene-d12	23.362	264	2798	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	901	0.771	ng		0.00
5) Phenol-d6	6.751	99	917	0.798	ng		0.00
8) Nitrobenzene-d5	8.717	82	868	0.765	ng		-0.01
11) 2-Methylnaphthalene-d10	11.950	152	1767	0.786	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	573	0.806	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	3477	0.801	ng		0.00
27) Fluoranthene-d10	19.007	212	5799	0.807	ng		0.00
31) Terphenyl-d14	19.621	244	4467	0.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	432	0.753	ng		93
3) n-Nitrosodimethylamine	3.415	42	513	0.771	ng	#	93
6) bis(2-Chloroethyl)ether	7.004	93	827	0.841	ng		94
9) Naphthalene	10.393	128	2791	0.781	ng		93
10) Hexachlorobutadiene	10.692	225	1443	0.798	ng	#	98
12) 2-Methylnaphthalene	12.021	142	2008	0.797	ng		97
16) Acenaphthylene	13.935	152	3216	0.772	ng		98
17) Acenaphthene	14.288	154	2121	0.767	ng		100
18) Fluorene	15.271	166	3096	0.790	ng		99
20) 4,6-Dinitro-2-methylph...	15.368	198	534	0.785	ng	#	64
21) 4-Bromophenyl-phenylether	16.177	248	1450	0.771	ng		96
22) Hexachlorobenzene	16.276	284	1524	0.773	ng		96
23) Atrazine	16.450	200	1147	0.780	ng	#	87
24) Pentachlorophenol	16.624	266	847	0.776	ng		99
25) Phenanthrene	17.008	178	4899	0.768	ng		99
26) Anthracene	17.108	178	4622	0.772	ng		99
28) Fluoranthene	19.040	202	7147	0.806	ng		100
30) Pyrene	19.407	202	7199	0.733	ng		99
32) Benzo(a)anthracene	21.162	228	6734	0.811	ng		98
33) Chrysene	21.206	228	7941	0.749	ng		97
34) Bis(2-ethylhexyl)phtha...	21.099	149	2583	0.758	ng		99
36) Indeno(1,2,3-cd)pyrene	25.544	276	9264	0.787	ng	#	94
37) Benzo(b)fluoranthene	22.708	252	7731	0.791	ng	#	89
38) Benzo(k)fluoranthene	22.751	252	8532	0.795	ng	#	88
39) Benzo(a)pyrene	23.266	252	7111	0.786	ng	#	83
40) Dibenzo(a,h)anthracene	25.567	278	7194	0.768	ng	#	79
41) Benzo(g,h,i)perylene	26.210	276	8315	0.771	ng	#	94

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

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