Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071525\
Data File : BN037502.D
Acq On : 15 Jul 2025 14:25
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Jul 15 17:27:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 16:45:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	2213	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5743	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	3273	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	6314	0.400	ng		0.00
29) Chrysene-d12	21.277	240	5167	0.400	ng		0.00
35) Perylene-d12	23.516	264	4636	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	4020	0.735	ng		0.00
5) Phenol-d6	6.887	99	4891	0.713	ng		0.00
8) Nitrobenzene-d5	8.865	82	3103	0.723	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	5995	0.728	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	1155	0.718	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	13250	0.778	ng		0.00
27) Fluoranthene-d10	19.127	212	11723	0.701	ng		0.00
31) Terphenyl-d14	19.731	244	8376	0.754	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1641	0.771	ng		98
3) n-Nitrosodimethylamine	3.543	42	2056	0.768	ng	#	94
6) bis(2-Chloroethyl)ether	7.147	93	4350	0.761	ng		99
9) Naphthalene	10.552	128	11585	0.756	ng		99
10) Hexachlorobutadiene	10.861	225	2561	0.757	ng	#	100
12) 2-Methylnaphthalene	12.172	142	7636	0.758	ng		99
16) Acenaphthylene	14.067	152	11025	0.752	ng		99
17) Acenaphthene	14.420	154	7528	0.755	ng		100
18) Fluorene	15.403	166	9729	0.758	ng		99
20) 4,6-Dinitro-2-methylph...	15.467	198	589	0.750	ng	#	78
21) 4-Bromophenyl-phenylether	16.292	248	3053	0.755	ng		96
22) Hexachlorobenzene	16.404	284	4049	0.775	ng		100
23) Atrazine	16.565	200	1994	0.706	ng		97
24) Pentachlorophenol	16.751	266	1588	0.677	ng		98
25) Phenanthrene	17.136	178	14261	0.754	ng		100
26) Anthracene	17.223	178	12919	0.748	ng		99
28) Fluoranthene	19.155	202	16043	0.735	ng		99
30) Pyrene	19.517	202	16008	0.769	ng		100
32) Benzo(a)anthracene	21.259	228	13280	0.734	ng		99
33) Chrysene	21.313	228	14034	0.745	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	5562	0.683	ng		98
36) Indeno(1,2,3-cd)pyrene	25.779	276	14458	0.749	ng		99
37) Benzo(b)fluoranthene	22.844	252	13315	0.757	ng		96
38) Benzo(k)fluoranthene	22.888	252	13634	0.751	ng		97
39) Benzo(a)pyrene	23.420	252	10903	0.743	ng		96
40) Dibenzo(a,h)anthracene	25.800	278	11648	0.745	ng		97
41) Benzo(g,h,i)perylene	26.472	276	12022	0.743	ng		97

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

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