Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071525\
Data File : BN037500.D
Acq On : 15 Jul 2025 13:12
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 15 17:26:09 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	2351	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	6017	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	3325	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	6414	0.400	ng		0.00
29) Chrysene-d12	21.277	240	5490	0.400	ng	#	0.00
35) Perylene-d12	23.519	264	5600	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	1188	0.204	ng		0.00
5) Phenol-d6	6.887	99	1455	0.200	ng		0.00
8) Nitrobenzene-d5	8.864	82	867	0.193	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	1606	0.186	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	288	0.176	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	2983	0.173	ng		0.00
27) Fluoranthene-d10	19.127	212	3202	0.188	ng		0.00
31) Terphenyl-d14	19.731	244	2238	0.190	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	481	0.213	ng		99
3) n-Nitrosodimethylamine	3.550	42	548	0.193	ng	#	94
6) bis(2-Chloroethyl)ether	7.147	93	1237	0.204	ng		99
9) Naphthalene	10.551	128	3170	0.198	ng		97
10) Hexachlorobutadiene	10.861	225	712	0.201	ng	#	99
12) 2-Methylnaphthalene	12.172	142	1971	0.187	ng		99
16) Acenaphthylene	14.067	152	2840	0.191	ng		98
17) Acenaphthene	14.420	154	1928	0.190	ng		99
18) Fluorene	15.403	166	2474	0.190	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	140	0.255	ng	#	78
21) 4-Bromophenyl-phenylether	16.292	248	793	0.193	ng		97
22) Hexachlorobenzene	16.404	284	1057	0.199	ng		100
23) Atrazine	16.565	200	515	0.180	ng	#	94
24) Pentachlorophenol	16.751	266	419	0.176	ng		99
25) Phenanthrene	17.136	178	3730	0.194	ng		99
26) Anthracene	17.223	178	3288	0.188	ng		100
28) Fluoranthene	19.155	202	4200	0.190	ng		100
30) Pyrene	19.517	202	4280	0.194	ng		100
32) Benzo(a)anthracene	21.259	228	3724	0.194	ng		98
33) Chrysene	21.313	228	4010	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	1656	0.191	ng		97
36) Indeno(1,2,3-cd)pyrene	25.788	276	4278	0.183	ng		98
37) Benzo(b)fluoranthene	22.847	252	3857	0.181	ng	#	93
38) Benzo(k)fluoranthene	22.891	252	3977	0.181	ng	#	93
39) Benzo(a)pyrene	23.420	252	3225	0.182	ng	#	91
40) Dibenzo(a,h)anthracene	25.803	278	3411	0.181	ng	#	94
41) Benzo(g,h,i)perylene	26.472	276	3591	0.184	ng		96

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

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