Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037226.D
Acq On : 13 Jun 2025 14:10
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jun 13 18:36:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:34:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.582	152	914	0.400	ng		0.00
7) Naphthalene-d8	10.361	136	2268	0.400	ng	#	0.00
13) Acenaphthene-d10	14.224	164	1246	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	2198	0.400	ng	#	0.01
29) Chrysene-d12	21.179	240	1908	0.400	ng		0.00
35) Perylene-d12	23.365	264	2012	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	469	0.209	ng		0.00
5) Phenol-d6	6.759	99	428	0.181	ng		0.00
8) Nitrobenzene-d5	8.739	82	345	0.154	ng		0.01
11) 2-Methylnaphthalene-d10	11.960	152	571	0.188	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	91	0.176	ng		0.00
15) 2-Fluorobiphenyl	12.853	172	953	0.182	ng		0.00
27) Fluoranthene-d10	19.017	212	1179	0.205	ng		0.00
31) Terphenyl-d14	19.625	244	806	0.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	312	0.249	ng		92
3) n-Nitrosodimethylamine	3.429	42	620	0.217	ng	#	95
6) bis(2-Chloroethyl)ether	7.011	93	324	0.153	ng		95
9) Naphthalene	10.404	128	1307	0.199	ng	#	88
10) Hexachlorobutadiene	10.692	225	329	0.206	ng	#	94
12) 2-Methylnaphthalene	12.036	142	719	0.180	ng		92
16) Acenaphthylene	13.946	152	1165	0.191	ng		98
17) Acenaphthene	14.288	154	753	0.191	ng		98
18) Fluorene	15.282	166	940	0.186	ng		98
20) 4,6-Dinitro-2-methylph...	15.389	198	81	0.257	ng	#	60
21) 4-Bromophenyl-phenylether	16.177	248	273	0.191	ng		98
22) Hexachlorobenzene	16.289	284	350	0.211	ng		99
23) Atrazine	16.462	200	252	0.197	ng	#	78
24) Pentachlorophenol	16.636	266	153	0.188	ng		90
25) Phenanthrene	17.021	178	1346	0.193	ng		99
26) Anthracene	17.108	178	1186	0.186	ng		98
28) Fluoranthene	19.045	202	1657	0.203	ng		97
30) Pyrene	19.412	202	1660	0.185	ng		99
32) Benzo(a)anthracene	21.162	228	1149	0.178	ng		93
33) Chrysene	21.215	228	1643	0.205	ng		94
34) Bis(2-ethylhexyl)phtha...	21.108	149	1053	0.219	ng		98
36) Indeno(1,2,3-cd)pyrene	25.564	276	1512	0.186	ng		97
37) Benzo(b)fluoranthene	22.713	252	1296	0.176	ng	#	85
38) Benzo(k)fluoranthene	22.757	252	1512	0.179	ng	#	81
39) Benzo(a)pyrene	23.275	252	1215	0.184	ng	#	71
40) Dibenzo(a,h)anthracene	25.576	278	1109	0.181	ng	#	76
41) Benzo(g,h,i)perylene	26.225	276	1469	0.195	ng	#	88

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

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