Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060325\
Data File : BN037143.D
Acq On : 03 Jun 2025 11:39
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jun 04 01:41:16 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 01:40:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.590	152	2014	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	4942	0.400	ng		0.00
13) Acenaphthene-d10	14.235	164	2688	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5431	0.400	ng		0.00
29) Chrysene-d12	21.189	240	3598	0.400	ng	#	0.00
35) Perylene-d12	23.380	264	3208	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	517	0.104	ng		0.00
5) Phenol-d6	6.766	99	582	0.096	ng		0.00
8) Nitrobenzene-d5	8.739	82	486	0.093	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	643	0.093	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	83	0.077	ng		0.00
15) 2-Fluorobiphenyl	12.858	172	1157	0.101	ng		0.00
27) Fluoranthene-d10	19.026	212	1316	0.095	ng		0.00
31) Terphenyl-d14	19.635	244	867	0.102	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	301	0.112	ng		97
3) n-Nitrosodimethylamine	3.444	42	553	0.103	ng		95
6) bis(2-Chloroethyl)ether	7.019	93	573	0.099	ng		95
9) Naphthalene	10.415	128	1462	0.103	ng	#	93
10) Hexachlorobutadiene	10.703	225	312	0.100	ng	#	98
12) 2-Methylnaphthalene	12.042	142	870	0.095	ng		97
16) Acenaphthylene	13.957	152	1308	0.099	ng		100
17) Acenaphthene	14.299	154	867	0.101	ng		99
18) Fluorene	15.293	166	1143	0.102	ng		99
21) 4-Bromophenyl-phenylether	16.190	248	347	0.097	ng		96
22) Hexachlorobenzene	16.301	284	392	0.102	ng		99
23) Atrazine	16.463	200	264	0.090	ng	#	91
25) Phenanthrene	17.034	178	1745	0.099	ng		98
26) Anthracene	17.120	178	1491	0.093	ng		98
28) Fluoranthene	19.054	202	1818	0.094	ng		99
30) Pyrene	19.421	202	1845	0.105	ng		99
32) Benzo(a)anthracene	21.171	228	1231	0.095	ng		93
33) Chrysene	21.225	228	1579	0.109	ng		97
34) Bis(2-ethylhexyl)phtha...	21.117	149	928	0.113	ng		97
36) Indeno(1,2,3-cd)pyrene	25.576	276	1157	0.091	ng		97
37) Benzo(b)fluoranthene	22.725	252	1226	0.095	ng	#	65
38) Benzo(k)fluoranthene	22.766	252	1264	0.096	ng	#	64
39) Benzo(a)pyrene	23.284	252	1051	0.097	ng	#	52
40) Dibenzo(a,h)anthracene	25.594	278	861	0.087	ng	#	56
41) Benzo(g,h,i)perylene	26.248	276	1097	0.097	ng	#	82

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

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