Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036982.D
Acq On : 12 May 2025 13:43
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 12 17:51:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 17:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	1948	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	4898	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	2693	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	5741	0.40	ng		0.00
29) Chrysene-d12	21.206	240	4513	0.40	ng		0.00
35) Perylene-d12	23.415	264	3919	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	509	0.10	ng		0.00
5) Phenol-d6	6.802	99	580	0.10	ng		0.00
8) Nitrobenzene-d5	8.771	82	477	0.09	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	655	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	124	0.10	ng		0.00
15) 2-Fluorobiphenyl	12.894	172	1299	0.10	ng		0.00
27) Fluoranthene-d10	19.054	212	1497	0.10	ng		0.00
31) Terphenyl-d14	19.658	244	1070	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	257m	0.10	ng		
3) n-Nitrosodimethylamine	3.466	42	579	0.11	ng	#	91
6) bis(2-Chloroethyl)ether	7.055	93	553	0.10	ng		97
9) Naphthalene	10.458	128	1418	0.10	ng	#	91
10) Hexachlorobutadiene	10.746	225	314	0.10	ng	#	99
12) 2-Methylnaphthalene	12.077	142	880	0.10	ng		93
16) Acenaphthylene	13.989	152	1270	0.10	ng		99
17) Acenaphthene	14.331	154	872	0.10	ng		98
18) Fluorene	15.325	166	1140	0.10	ng		98
20) 4,6-Dinitro-2-methylph...	15.411	198	113	0.08	ng	#	1
21) 4-Bromophenyl-phenylether	16.214	248	349	0.09	ng		94
22) Hexachlorobenzene	16.326	284	401	0.10	ng		99
23) Atrazine	16.487	200	301	0.09	ng	#	86
24) Pentachlorophenol	16.673	266	209	0.09	ng		97
25) Phenanthrene	17.058	178	1825	0.10	ng		99
26) Anthracene	17.145	178	1597	0.09	ng		99
28) Fluoranthene	19.082	202	2046	0.09	ng		98
30) Pyrene	19.444	202	2119	0.10	ng		99
32) Benzo(a)anthracene	21.198	228	1647	0.10	ng		95
33) Chrysene	21.242	228	1797	0.10	ng		96
34) Bis(2-ethylhexyl)phtha...	21.135	149	1141	0.11	ng		97
36) Indeno(1,2,3-cd)pyrene	25.626	276	1391	0.09	ng		97
37) Benzo(b)fluoranthene	22.755	252	1586	0.10	ng	#	66
38) Benzo(k)fluoranthene	22.798	252	1521	0.09	ng	#	65
39) Benzo(a)pyrene	23.319	252	1311	0.10	ng	#	59
40) Dibenzo(a,h)anthracene	25.643	278	1061	0.09	ng	#	67
41) Benzo(g,h,i)perylene	26.304	276	1304m	0.10	ng		

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

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