Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060225\
Data File : BN037137.D
Acq On : 02 Jun 2025 18:10
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jun 03 05:33:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 03 02:42:35 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	1808	0.400	ng		0.00
7) Naphthalene-d8	10.383	136	4689	0.400	ng		0.00
13) Acenaphthene-d10	14.245	164	2878	0.400	ng		0.00
19) Phenanthrene-d10	16.996	188	6035	0.400	ng		0.00
29) Chrysene-d12	21.189	240	5242	0.400	ng		0.00
35) Perylene-d12	23.380	264	4718	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.199	112	7450	1.655	ng		0.00
5) Phenol-d6	6.781	99	9446	1.685	ng		0.00
8) Nitrobenzene-d5	8.749	82	8568	1.718	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	11454	1.709	ng		0.00
14) 2,4,6-Tribromophenol	15.743	330	2302	1.700	ng		0.00
15) 2-Fluorobiphenyl	12.868	172	20620	1.729	ng		0.00
27) Fluoranthene-d10	19.031	212	28205	1.727	ng		0.00
31) Terphenyl-d14	19.635	244	20650	1.674	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.126	88	3689	1.514	ng		94
3) n-Nitrosodimethylamine	3.437	42	8209	1.732	ng	#	98
6) bis(2-Chloroethyl)ether	7.033	93	8857	1.748	ng		97
9) Naphthalene	10.426	128	22731	1.687	ng		96
10) Hexachlorobutadiene	10.725	225	4806	1.661	ng	#	98
12) 2-Methylnaphthalene	12.052	142	15454	1.728	ng		98
16) Acenaphthylene	13.967	152	24069	1.720	ng		99
17) Acenaphthene	14.309	154	15563	1.710	ng		97
18) Fluorene	15.304	166	21401	1.709	ng		99
20) 4,6-Dinitro-2-methylph...	15.389	198	2750	1.580	ng	#	35
21) 4-Bromophenyl-phenylether	16.190	248	6677	1.747	ng	#	70
22) Hexachlorobenzene	16.301	284	6981	1.671	ng		100
23) Atrazine	16.463	200	6176	1.786	ng		91
24) Pentachlorophenol	16.649	266	4045	1.780	ng		98
25) Phenanthrene	17.034	178	33869	1.734	ng		99
26) Anthracene	17.120	178	31530	1.759	ng		99
28) Fluoranthene	19.059	202	40811	1.772	ng		99
30) Pyrene	19.421	202	41151	1.658	ng		100
32) Benzo(a)anthracene	21.171	228	33633	1.767	ng		99
33) Chrysene	21.225	228	35461	1.678	ng		98
34) Bis(2-ethylhexyl)phtha...	21.117	149	21681	1.598	ng		99
36) Indeno(1,2,3-cd)pyrene	25.582	276	30852	1.782	ng		95
37) Benzo(b)fluoranthene	22.723	252	32961	1.707	ng	#	90
38) Benzo(k)fluoranthene	22.766	252	33274	1.718	ng	#	91
39) Benzo(a)pyrene	23.284	252	27436	1.718	ng	#	85
40) Dibenzo(a,h)anthracene	25.594	278	23852	1.840	ng	#	90
41) Benzo(g,h,i)perylene	26.251	276	27100	1.754	ng		96

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

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