Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037229.D
Acq On : 13 Jun 2025 15:59
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jun 13 18:38:03 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	7.575	152	1193	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2881	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	1539	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	2917	0.400	ng		0.00
29) Chrysene-d12	21.171	240	2167	0.400	ng		# 0.00
35) Perylene-d12	23.366	264	2036	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	4755	1.623	ng		0.00
5) Phenol-d6	6.759	99	5480	1.774	ng		0.00
8) Nitrobenzene-d5	8.728	82	5073	1.782	ng		0.00
11) 2-Methylnaphthalene-d10	11.950	152	6642	1.718	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	1157	1.810	ng		-0.01
15) 2-Fluorobiphenyl	12.848	172	11216	1.734	ng		0.00
27) Fluoranthene-d10	19.012	212	12285	1.610	ng		0.00
31) Terphenyl-d14	19.621	244	8579	1.751	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	2620	1.601	ng		93
3) n-Nitrosodimethylamine	3.415	42	6179	1.657	ng	#	97
6) bis(2-Chloroethyl)ether	7.012	93	5181	1.873	ng		92
9) Naphthalene	10.404	128	13925	1.669	ng		96
10) Hexachlorobutadiene	10.693	225	3281	1.617	ng	#	96
12) 2-Methylnaphthalene	12.026	142	8865	1.748	ng		99
16) Acenaphthylene	13.946	152	12787	1.696	ng		99
17) Acenaphthene	14.288	154	8258	1.696	ng		99
18) Fluorene	15.282	166	10814	1.730	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	1171	1.596	ng	#	47
21) 4-Bromophenyl-phenylether	16.177	248	3248	1.709	ng	#	85
22) Hexachlorobenzene	16.289	284	3460	1.570	ng		98
23) Atrazine	16.450	200	2809	1.657	ng		90
24) Pentachlorophenol	16.636	266	1800	1.667	ng		97
25) Phenanthrene	17.021	178	15448	1.670	ng		99
26) Anthracene	17.108	178	14243	1.682	ng		100
28) Fluoranthene	19.045	202	17611	1.626	ng		99
30) Pyrene	19.407	202	17479	1.716	ng		100
32) Benzo(a)anthracene	21.162	228	13105	1.791	ng		97
33) Chrysene	21.207	228	14835	1.627	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	8716	1.599	ng		99
36) Indeno(1,2,3-cd)pyrene	25.555	276	13992	1.704	ng		97
37) Benzo(b)fluoranthene	22.708	252	13177	1.769	ng	#	87
38) Benzo(k)fluoranthene	22.752	252	14311	1.675	ng	#	88
39) Benzo(a)pyrene	23.269	252	11458	1.710	ng	#	81
40) Dibenzo(a,h)anthracene	25.570	278	11091	1.793	ng	#	83
41) Benzo(g,h,i)perylene	26.219	276	12677	1.665	ng		95

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

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