Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070925\
Data File : BN037444.D
Acq On : 09 Jul 2025 18:13
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jul 10 00:28:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 10 00:27:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2651	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	6920	0.400	ng	# 0.00
13) Acenaphthene-d10	14.366	164	3517	0.400	ng	# 0.00
19) Phenanthrene-d10	17.099	188	6291	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	5005	0.400	ng	0.00
35) Perylene-d12	23.534	264	5208	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	1460	0.321	ng	0.00
5) Phenol-d6	6.894	99	1785	0.273	ng	0.00
8) Nitrobenzene-d5	8.875	82	889m	0.145	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	1844	0.205	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	272	0.469	ng	-0.01
15) 2-Fluorobiphenyl	12.993	172	3539	0.176	ng	0.00
27) Fluoranthene-d10	19.136	212	3089	0.192	ng	0.00
31) Terphenyl-d14	19.745	244	2083	0.194	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	527	0.195	ng	# 87
3) n-Nitrosodimethylamine	3.564	42	572	0.144	ng	# 68
6) bis(2-Chloroethyl)ether	7.161	93	1443	0.216	ng	90
9) Naphthalene	10.562	128	3646	0.188	ng	95
10) Hexachlorobutadiene	10.872	225	748	0.193	ng	# 99
12) 2-Methylnaphthalene	12.182	142	2348	0.199	ng	98
16) Acenaphthylene	14.078	152	3233	0.181	ng	100
17) Acenaphthene	14.430	154	2044	0.178	ng	93
18) Fluorene	15.414	166	2566	0.177	ng	96
20) 4,6-Dinitro-2-methylph...	15.478	198	81	0.144	ng	# 87
21) 4-Bromophenyl-phenylether	16.305	248	804	0.198	ng	# 83
22) Hexachlorobenzene	16.416	284	999	0.197	ng	# 90
23) Atrazine	16.578	200	376	0.333	ng	97
24) Pentachlorophenol	16.751	266	416	0.443	ng	96
25) Phenanthrene	17.149	178	3776	0.179	ng	99
26) Anthracene	17.235	178	3438	0.183	ng	99
28) Fluoranthene	19.164	202	4112	0.182	ng	99
30) Pyrene	19.527	202	4120	0.181	ng	98
32) Benzo(a)anthracene	21.277	228	3501	0.200	ng	100
33) Chrysene	21.322	228	3565	0.186	ng	99
34) Bis(2-ethylhexyl)phtha...	21.232	149	691	0.167	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.806	276	3623	0.182	ng	98
37) Benzo(b)fluoranthene	22.859	252	3559	0.162	ng	96
38) Benzo(k)fluoranthene	22.905	252	3652m	0.164	ng	
39) Benzo(a)pyrene	23.435	252	2938	0.175	ng	# 93
40) Dibenzo(a,h)anthracene	25.829	278	2856	0.195	ng	99
41) Benzo(g,h,i)perylene	26.496	276	3250	0.185	ng	98

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

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