Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037393.D
Acq On : 26 Jun 2025 14:54
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN062625

Quant Time: Jun 26 16:06:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	2171	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4836	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	3065	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	6127	0.400	ng		# 0.01
29) Chrysene-d12	21.162	240	5019	0.400	ng		# 0.00
35) Perylene-d12	23.348	264	4884	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1574	0.376	ng		0.00
5) Phenol-d6	6.744	99	1620	0.373	ng		0.00
8) Nitrobenzene-d5	8.717	82	1646	0.425	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	3153	0.421	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	623	0.347	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	6004	0.454	ng		0.00
27) Fluoranthene-d10	19.003	212	6867	0.391	ng		0.00
31) Terphenyl-d14	19.616	244	4960	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	1015	0.493	ng		94
3) n-Nitrosodimethylamine	3.422	42	847	0.417	ng	#	88
6) bis(2-Chloroethyl)ether	7.004	93	1776	0.460	ng		99
9) Naphthalene	10.394	128	5176	0.416	ng		99
10) Hexachlorobutadiene	10.682	225	2038	0.412	ng	#	99
12) 2-Methylnaphthalene	12.016	142	3148	0.367	ng		98
16) Acenaphthylene	13.935	152	5693	0.448	ng		99
17) Acenaphthene	14.277	154	3435	0.414	ng		99
18) Fluorene	15.272	166	4775	0.407	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	497	0.316	ng	#	86
21) 4-Bromophenyl-phenylether	16.165	248	1722	0.398	ng	#	93
22) Hexachlorobenzene	16.276	284	1984	0.427	ng		97
23) Atrazine	16.450	200	1384	0.404	ng		97
24) Pentachlorophenol	16.624	266	775	0.309	ng		98
25) Phenanthrene	17.009	178	7070	0.410	ng		99
26) Anthracene	17.095	178	6496	0.409	ng		99
28) Fluoranthene	19.035	202	8423	0.382	ng		99
30) Pyrene	19.398	202	8354	0.440	ng		99
32) Benzo(a)anthracene	21.153	228	6494	0.412	ng		99
33) Chrysene	21.198	228	7943	0.407	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	2775	0.444	ng		99
36) Indeno(1,2,3-cd)pyrene	25.532	276	8543	0.415	ng		96
37) Benzo(b)fluoranthene	22.699	252	6764	0.393	ng		96
38) Benzo(k)fluoranthene	22.743	252	8109	0.441	ng	#	96
39) Benzo(a)pyrene	23.254	252	6621	0.432	ng	#	94
40) Dibenzo(a,h)anthracene	25.552	278	6443	0.407	ng		96
41) Benzo(g,h,i)perylene	26.193	276	7497	0.397	ng		99

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

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