Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037392.D
Acq On : 26 Jun 2025 14:17
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 26 14:45:42 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 14:40:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.560	152	2311	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4753	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	3216	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	6554	0.400	ng		0.00
29) Chrysene-d12	21.162	240	6601	0.400	ng		0.00
35) Perylene-d12	23.345	264	6264	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	23643	5.308	ng		0.00
5) Phenol-d6	6.744	99	27480	5.950	ng		0.00
8) Nitrobenzene-d5	8.706	82	23095	6.041	ng		-0.01
11) 2-Methylnaphthalene-d10	11.935	152	47934	6.519	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	10881	5.768	ng		-0.01
15) 2-Fluorobiphenyl	12.833	172	76771	5.529	ng		0.00
27) Fluoranthene-d10	19.003	212	118571	6.313	ng		0.00
31) Terphenyl-d14	19.607	244	77795	5.527	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	9566	4.619	ng		95
3) n-Nitrosodimethylamine	3.408	42	10726	4.955	ng	#	90
6) bis(2-Chloroethyl)ether	6.997	93	22819	5.555	ng		96
9) Naphthalene	10.383	128	65119	5.322	ng		96
10) Hexachlorobutadiene	10.682	225	24052	4.952	ng	#	99
12) 2-Methylnaphthalene	12.011	142	47716	5.664	ng		96
16) Acenaphthylene	13.924	152	74682	5.600	ng		99
17) Acenaphthene	14.277	154	48364	5.553	ng		96
18) Fluorene	15.271	166	68578	5.576	ng		99
20) 4,6-Dinitro-2-methylph...	15.357	198	10525	6.252	ng	#	54
21) 4-Bromophenyl-phenylether	16.164	248	25866	5.594	ng	#	93
22) Hexachlorobenzene	16.276	284	25453	5.120	ng		98
23) Atrazine	16.437	200	21783	5.947	ng		95
24) Pentachlorophenol	16.624	266	14964	5.574	ng		96
25) Phenanthrene	16.996	178	105409	5.708	ng		99
26) Anthracene	17.095	178	100113	5.897	ng		100
28) Fluoranthene	19.031	202	133030	5.641	ng	#	99
30) Pyrene	19.393	202	132986	5.324	ng		99
32) Benzo(a)anthracene	21.144	228	119334	5.754	ng		99
33) Chrysene	21.197	228	127936	4.982	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	44321	5.397	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.523	276	154039	5.833	ng	#	96
37) Benzo(b)fluoranthene	22.693	252	127810	5.787	ng	#	90
38) Benzo(k)fluoranthene	22.737	252	132887	5.630	ng	#	89
39) Benzo(a)pyrene	23.248	252	111691	5.686	ng	#	85
40) Dibenzo(a,h)anthracene	25.538	278	122232	6.025	ng	#	86
41) Benzo(g,h,i)perylene	26.190	276	135052	5.570	ng		95

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

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