Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062625\
Data File : BN037390.D
Acq On : 26 Jun 2025 13:05
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jun 26 14:44:50 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	7.561	152	1757	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	3755	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	2497	0.400	ng		0.00
19) Phenanthrene-d10	16.959	188	5134	0.400	ng		0.00
29) Chrysene-d12	21.162	240	4846	0.400	ng		0.00
35) Perylene-d12	23.345	264	4921	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	5301	1.566	ng		0.00
5) Phenol-d6	6.745	99	5895	1.679	ng		0.00
8) Nitrobenzene-d5	8.707	82	5183	1.716	ng		-0.01
11) 2-Methylnaphthalene-d10	11.935	152	9434	1.624	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	2504	1.710	ng		-0.01
15) 2-Fluorobiphenyl	12.833	172	17962	1.666	ng		0.00
27) Fluoranthene-d10	18.998	212	23030	1.565	ng		0.00
31) Terphenyl-d14	19.612	244	17013	1.647	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	2649	1.682	ng		96
3) n-Nitrosodimethylamine	3.408	42	2708	1.646	ng	#	97
6) bis(2-Chloroethyl)ether	6.997	93	5373	1.721	ng		97
9) Naphthalene	10.383	128	15743	1.629	ng		97
10) Hexachlorobutadiene	10.682	225	6333	1.651	ng	#	98
12) 2-Methylnaphthalene	12.011	142	11211	1.685	ng		97
16) Acenaphthylene	13.925	152	17120	1.653	ng		100
17) Acenaphthene	14.277	154	11218	1.659	ng		98
18) Fluorene	15.272	166	16008	1.676	ng		100
20) 4,6-Dinitro-2-methylph...	15.357	198	2324	1.762	ng	#	63
21) 4-Bromophenyl-phenylether	16.165	248	6221	1.718	ng	#	92
22) Hexachlorobenzene	16.276	284	6380	1.638	ng		98
23) Atrazine	16.438	200	4771	1.663	ng		98
24) Pentachlorophenol	16.624	266	3391	1.612	ng		96
25) Phenanthrene	16.996	178	24063	1.663	ng		99
26) Anthracene	17.096	178	22103	1.662	ng		100
28) Fluoranthene	19.031	202	30535	1.653	ng		99
30) Pyrene	19.393	202	30249	1.650	ng		100
32) Benzo(a)anthracene	21.144	228	25546	1.678	ng		99
33) Chrysene	21.198	228	30118	1.598	ng		99
34) Bis(2-ethylhexyl)phtha...	21.090	149	9332	1.548	ng		99
36) Indeno(1,2,3-cd)pyrene	25.529	276	35151	1.694	ng		98
37) Benzo(b)fluoranthene	22.690	252	28814	1.661	ng	#	91
38) Benzo(k)fluoranthene	22.737	252	30557	1.648	ng	#	91
39) Benzo(a)pyrene	23.249	252	25315	1.640	ng	#	88
40) Dibenzo(a,h)anthracene	25.538	278	27440	1.722	ng	#	87
41) Benzo(g,h,i)perylene	26.187	276	31821	1.671	ng		97

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

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