Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037661.D
Acq On : 04 Sep 2025 16:36
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 04 18:22:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 04 18:19:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.703	152	2463	0.400	ng		0.00
7) Naphthalene-d8	10.488	136	5526	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	2480	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	4484	0.400	ng		0.00
29) Chrysene-d12	21.259	240	4189	0.400	ng		0.00
35) Perylene-d12	23.493	264	3846	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	9476	1.575	ng		0.00
5) Phenol-d6	6.872	99	11296	1.567	ng		0.00
8) Nitrobenzene-d5	8.843	82	7058	1.626	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	11349	1.560	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	2025	1.514	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	23184	1.671	ng		0.00
27) Fluoranthene-d10	19.109	212	17753	1.588	ng		0.00
31) Terphenyl-d14	19.713	244	12765	1.546	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	4084	1.664	ng		98
3) n-Nitrosodimethylamine	3.528	42	5240	1.648	ng	#	98
6) bis(2-Chloroethyl)ether	7.132	93	9958	1.617	ng		100
9) Naphthalene	10.530	128	24767	1.644	ng		98
10) Hexachlorobutadiene	10.840	225	5812	1.683	ng	#	100
12) 2-Methylnaphthalene	12.152	142	14979	1.633	ng		99
16) Acenaphthylene	14.056	152	18524	1.636	ng		99
17) Acenaphthene	14.398	154	12893	1.641	ng		99
18) Fluorene	15.382	166	15761	1.643	ng		99
20) 4,6-Dinitro-2-methylph...	15.457	198	1229	1.563	ng	#	73
21) 4-Bromophenyl-phenylether	16.280	248	4699	1.616	ng		97
22) Hexachlorobenzene	16.391	284	6631	1.644	ng		100
23) Atrazine	16.540	200	3031	1.538	ng	#	89
24) Pentachlorophenol	16.727	266	2838	1.531	ng		98
25) Phenanthrene	17.124	178	22325	1.631	ng		100
26) Anthracene	17.211	178	19885	1.647	ng		100
28) Fluoranthene	19.141	202	25820	1.702	ng		100
30) Pyrene	19.503	202	25156	1.562	ng		100
32) Benzo(a)anthracene	21.250	228	23250	1.614	ng		99
33) Chrysene	21.295	228	25208	1.639	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	7778	1.661	ng		99
36) Indeno(1,2,3-cd)pyrene	25.750	276	31513	1.734	ng		99
37) Benzo(b)fluoranthene	22.826	252	25677	1.652	ng	#	94
38) Benzo(k)fluoranthene	22.870	252	27623	1.696	ng	#	94
39) Benzo(a)pyrene	23.400	252	21349	1.659	ng	#	91
40) Dibenzo(a,h)anthracene	25.765	278	24224	1.709	ng		96
41) Benzo(g,h,i)perylene	26.434	276	25676	1.679	ng		98

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

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