Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090425\
Data File : BN037663.D
Acq On : 04 Sep 2025 17:49
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Sep 04 18:23:31 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	7.710	152	2802	0.400	ng		0.00
7) Naphthalene-d8	10.487	136	6113	0.400	ng		0.00
13) Acenaphthene-d10	14.334	164	2807	0.400	ng		0.00
19) Phenanthrene-d10	17.074	188	4989	0.400	ng		0.00
29) Chrysene-d12	21.259	240	4884	0.400	ng		0.00
35) Perylene-d12	23.496	264	4205	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	36597	5.345	ng		0.00
5) Phenol-d6	6.872	99	43781	5.337	ng		0.00
8) Nitrobenzene-d5	8.843	82	26544	5.527	ng		0.00
11) 2-Methylnaphthalene-d10	12.080	152	49411	6.139	ng		0.00
14) 2,4,6-Tribromophenol	15.820	330	8556	5.652	ng		0.00
15) 2-Fluorobiphenyl	12.963	172	87933	5.600	ng		0.00
27) Fluoranthene-d10	19.113	212	81243	6.532	ng		0.00
31) Terphenyl-d14	19.712	244	50151	5.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	12930	4.631	ng		99
3) n-Nitrosodimethylamine	3.528	42	18551	5.130	ng		98
6) bis(2-Chloroethyl)ether	7.132	93	35170	5.021	ng		100
9) Naphthalene	10.530	128	87801	5.269	ng		98
10) Hexachlorobutadiene	10.840	225	19722	5.161	ng	#	99
12) 2-Methylnaphthalene	12.151	142	55266	5.446	ng		99
16) Acenaphthylene	14.056	152	71864	5.606	ng		99
17) Acenaphthene	14.398	154	49237	5.537	ng		96
18) Fluorene	15.382	166	60043	5.529	ng		99
20) 4,6-Dinitro-2-methylph...	15.457	198	5480	6.265	ng	#	65
21) 4-Bromophenyl-phenylether	16.280	248	17911	5.536	ng		98
22) Hexachlorobenzene	16.391	284	23546	5.246	ng		100
23) Atrazine	16.553	200	12660	5.772	ng		95
24) Pentachlorophenol	16.727	266	11748	5.694	ng		99
25) Phenanthrene	17.124	178	83326	5.472	ng		99
26) Anthracene	17.211	178	77923	5.801	ng		100
28) Fluoranthene	19.141	202	97841	5.798	ng		100
30) Pyrene	19.503	202	96282	5.128	ng		100
32) Benzo(a)anthracene	21.250	228	90732	5.401	ng		99
33) Chrysene	21.304	228	93921	5.237	ng		97
34) Bis(2-ethylhexyl)phtha...	21.196	149	31773	5.007	ng		100
36) Indeno(1,2,3-cd)pyrene	25.750	276	119285	6.003	ng		100
37) Benzo(b)fluoranthene	22.826	252	97743	5.752	ng	#	92
38) Benzo(k)fluoranthene	22.870	252	100880	5.667	ng	#	92
39) Benzo(a)pyrene	23.399	252	82476	5.861	ng	#	87
40) Dibenzo(a,h)anthracene	25.768	278	94808	6.119	ng		95
41) Benzo(g,h,i)perylene	26.437	276	99463	5.950	ng		97

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

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