Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061925\
Data File : BN037319.D
Acq On : 18 Jun 2025 17:43
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 18 18:34:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 18 18:27:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	1020	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	2133	0.400	ng	#	0.00
13) Acenaphthene-d10	14.224	164	1559	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	3357	0.400	ng	#	0.00
29) Chrysene-d12	21.171	240	3354	0.400	ng	#	0.00
35) Perylene-d12	23.357	264	3261	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	9214	4.971	ng		0.00
5) Phenol-d6	6.744	99	10823	5.939	ng		-0.01
8) Nitrobenzene-d5	8.717	82	9918	5.663	ng		-0.01
11) 2-Methylnaphthalene-d10	11.945	152	18458	5.322	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	5546	4.957	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	35148	5.145	ng		0.00
27) Fluoranthene-d10	19.008	212	51442	4.834	ng		0.00
31) Terphenyl-d14	19.616	244	40091	5.209	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.097	88	4051	4.449	ng		93
3) n-Nitrosodimethylamine	3.408	42	4939	4.680	ng	#	98
6) bis(2-Chloroethyl)ether	7.004	93	9036	5.791	ng		98
9) Naphthalene	10.394	128	28133	5.098	ng	#	86
10) Hexachlorobutadiene	10.682	225	12115	4.339	ng	#	99
12) 2-Methylnaphthalene	12.016	142	21436	5.515	ng		96
16) Acenaphthylene	13.935	152	34150	5.206	ng		99
17) Acenaphthene	14.277	154	22198	5.097	ng		96
18) Fluorene	15.272	166	32274	5.229	ng		99
20) 4,6-Dinitro-2-methylph...	15.357	198	5986	5.944	ng	#	45
21) 4-Bromophenyl-phenylether	16.165	248	14011	5.031	ng	#	85
22) Hexachlorobenzene	16.276	284	13209	4.526	ng		97
23) Atrazine	16.450	200	11134	5.113	ng	#	79
24) Pentachlorophenol	16.624	266	8318	5.147	ng		96
25) Phenanthrene	17.009	178	50366	5.329	ng		99
26) Anthracene	17.096	178	48942	5.521	ng		99
28) Fluoranthene	19.036	202	66047	5.031	ng		100
30) Pyrene	19.403	202	65817	5.153	ng		100
32) Benzo(a)anthracene	21.153	228	61197	5.666	ng		96
33) Chrysene	21.207	228	63908	4.636	ng		96
34) Bis(2-ethylhexyl)phtha...	21.099	149	22526	5.087	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.544	276	75939	5.537	ng	#	91
37) Benzo(b)fluoranthene	22.705	252	63355	5.562	ng	#	82
38) Benzo(k)fluoranthene	22.746	252	65547	5.239	ng	#	82
39) Benzo(a)pyrene	23.263	252	55883	5.299	ng	#	75
40) Dibenzo(a,h)anthracene	25.558	278	61327	5.619	ng	#	73
41) Benzo(g,h,i)perylene	26.207	276	65369	5.199	ng	#	92

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

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