Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
Data File : BN037672.D
Acq On : 09 Sep 2025 19:33
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 10 01:52:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 01:49:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5479	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	14691	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	7565	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	13693	0.400	ng		#-0.01
29) Chrysene-d12	21.420	240	12732	0.400	ng		0.00
35) Perylene-d12	23.750	264	12699	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	43767	3.120	ng		0.00
5) Phenol-d6	6.988	99	55399	3.144	ng		0.00
8) Nitrobenzene-d5	8.993	82	30175	3.334	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	66311	3.211	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	7310	3.475	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	97322	3.271	ng		0.00
27) Fluoranthene-d10	19.271	212	117123	3.314	ng		0.00
31) Terphenyl-d14	19.870	244	82873	3.087	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	19074	3.209	ng		97
3) n-Nitrosodimethylamine	3.600	42	23956	3.200	ng	#	97
6) bis(2-Chloroethyl)ether	7.262	93	47222	3.167	ng		99
9) Naphthalene	10.701	128	129207	3.245	ng		99
10) Hexachlorobutadiene	11.000	225	22556	3.201	ng	#	99
12) 2-Methylnaphthalene	12.319	142	84086	3.264	ng		98
16) Acenaphthylene	14.216	152	115736	3.271	ng		100
17) Acenaphthene	14.559	154	74756	3.297	ng		99
18) Fluorene	15.547	166	92132	3.324	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	2719	3.563	ng	#	12
21) 4-Bromophenyl-phenylether	16.441	248	29567	3.295	ng		96
22) Hexachlorobenzene	16.553	284	31039	3.274	ng		99
23) Atrazine	16.702	200	19827	3.538	ng		97
24) Pentachlorophenol	16.888	266	9707	3.054	ng		97
25) Phenanthrene	17.285	178	138407	3.307	ng		100
26) Anthracene	17.372	178	129973	3.348	ng		100
28) Fluoranthene	19.299	202	161205	3.428	ng		100
30) Pyrene	19.661	202	160941	3.170	ng		100
32) Benzo(a)anthracene	21.402	228	148967	3.275	ng		100
33) Chrysene	21.456	228	148865	3.228	ng		99
34) Bis(2-ethylhexyl)phtha...	21.357	149	43430	3.436	ng		100
36) Indeno(1,2,3-cd)pyrene	26.139	276	172940	3.592	ng		100
37) Benzo(b)fluoranthene	23.046	252	157611	3.367	ng		95
38) Benzo(k)fluoranthene	23.092	252	156875	3.405	ng	#	94
39) Benzo(a)pyrene	23.648	252	132213	3.393	ng		93
40) Dibenzo(a,h)anthracene	26.162	278	136577	3.772	ng	#	92
41) Benzo(g,h,i)perylene	26.864	276	149074	3.416	ng		97

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

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