Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112725\
Data File : BN038217.D
Acq On : 26 Nov 2025 23:37
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Nov 28 20:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 20:22:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	8921	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	27682	0.400	ng		#-0.01
13) Acenaphthene-d10	14.430	164	16051	0.400	ng		0.00
19) Phenanthrene-d10	17.174	188	27295	0.400	ng		#-0.01
29) Chrysene-d12	21.367	240	16427	0.400	ng		# 0.00
35) Perylene-d12	23.674	264	13786	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	65305	3.132	ng		0.00
5) Phenol-d6	6.930	99	85830	3.295	ng		0.00
8) Nitrobenzene-d5	8.918	82	68353	3.088	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	129220	3.288	ng		0.00
14) 2,4,6-Tribromophenol	15.920	330	21150	4.188	ng		-0.01
15) 2-Fluorobiphenyl	13.051	172	189268	3.053	ng		0.00
27) Fluoranthene-d10	19.215	212	197760	3.340	ng		0.00
31) Terphenyl-d14	19.815	244	127791	3.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	28493	3.032	ng		100
3) n-Nitrosodimethylamine	3.550	42	37688	3.252	ng	#	96
6) bis(2-Chloroethyl)ether	7.183	93	80616	3.232	ng		98
9) Naphthalene	10.616	128	242099	3.149	ng		99
10) Hexachlorobutadiene	10.915	225	39924	3.054	ng	#	99
12) 2-Methylnaphthalene	12.238	142	166016	3.282	ng		99
16) Acenaphthylene	14.142	152	239664	3.339	ng		100
17) Acenaphthene	14.495	154	162095	3.240	ng		97
18) Fluorene	15.478	166	219348	3.387	ng		99
20) 4,6-Dinitro-2-methylph...	15.560	198	12986	3.198	ng	#	1
21) 4-Bromophenyl-phenylether	16.379	248	62082	3.283	ng	#	91
22) Hexachlorobenzene	16.491	284	69759	3.000	ng		100
23) Atrazine	16.640	200	43154	3.573	ng	#	91
24) Pentachlorophenol	16.838	266	25503	4.002	ng		98
25) Phenanthrene	17.223	178	282285	3.294	ng		100
26) Anthracene	17.310	178	252456	3.453	ng		99
28) Fluoranthene	19.243	202	279719	3.387	ng		99
30) Pyrene	19.606	202	272924	3.326	ng		100
32) Benzo(a)anthracene	21.349	228	186737	3.357	ng		99
33) Chrysene	21.402	228	202547	3.085	ng		99
34) Bis(2-ethylhexyl)phtha...	21.286	149	97307	3.194	ng		99
36) Indeno(1,2,3-cd)pyrene	26.025	276	216471	3.393	ng		98
37) Benzo(b)fluoranthene	22.979	252	189788	3.354	ng	#	84
38) Benzo(k)fluoranthene	23.022	252	195835	3.329	ng	#	85
39) Benzo(a)pyrene	23.572	252	156001	3.289	ng	#	76
40) Dibenzo(a,h)anthracene	26.040	278	169926	3.518	ng	#	90
41) Benzo(g,h,i)perylene	26.738	276	186060	3.242	ng		97

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

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