Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038395.D
Acq On : 13 Dec 2025 20:06
Operator : RC/JU
Sample : PB170919BS
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB170919BS

Quant Time: Dec 14 22:26:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	6697	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	18213	0.400	ng		-0.01
13) Acenaphthene-d10	14.388	164	8799	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	13975	0.400	ng		#-0.01
29) Chrysene-d12	21.340	240	11604	0.400	ng		# 0.00
35) Perylene-d12	23.622	264	13958	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	2320220	139.112	ng		0.00
5) Phenol-d6	6.887	99	2794551	140.943	ng		0.00
8) Nitrobenzene-d5	8.875	82	1349102	87.818	ng		0.00
11) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng		
14) 2,4,6-Tribromophenol	15.882	330	779947	199.798	ng		-0.01
15) 2-Fluorobiphenyl	13.008	172	3246683	76.591	ng		0.00
27) Fluoranthene-d10	0.000	212	0d	0.000	ng		
31) Terphenyl-d14	19.782	244	2125732	82.086	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	252704	32.909	ng		98
3) n-Nitrosodimethylamine	3.485	42	391187	40.633	ng	#	93
6) bis(2-Chloroethyl)ether	7.139	93	814903	42.014	ng		99
9) Naphthalene	10.562	128	2176516	40.427	ng		99
10) Hexachlorobutadiene	10.861	225	398449	41.634	ng	#	100
12) 2-Methylnaphthalene	12.192	142	1281382	37.496	ng		98
16) Acenaphthylene	14.110	152	2273454	52.616	ng		99
17) Acenaphthene	14.452	154	1271847	42.249	ng		95
18) Fluorene	15.446	166	1585404	40.934	ng		93
20) 4,6-Dinitro-2-methylph...	15.523	198	253356	110.210	ng	#	33
21) 4-Bromophenyl-phenylether	16.329	248	508699	49.063	ng	#	80
22) Hexachlorobenzene	16.453	284	566790	45.474	ng		96
23) Atrazine	16.615	200	440465	62.284	ng		96
24) Pentachlorophenol	16.801	266	738518	151.838	ng		99
25) Phenanthrene	17.186	178	2216071	45.558	ng		99
26) Anthracene	17.273	178	2201636	52.499	ng		99
28) Fluoranthene	19.211	202	2227339	43.084	ng		99
30) Pyrene	19.573	202	2304963	40.348	ng		100
32) Benzo(a)anthracene	21.322	228	2220960	49.545	ng		97
33) Chrysene	21.375	228	2141713	43.392	ng		97
34) Bis(2-ethylhexyl)phtha...	21.259	149	1514682	61.590	ng		96
36) Indeno(1,2,3-cd)pyrene	25.952	276	3271367	44.169	ng		98
37) Benzo(b)fluoranthene	22.935	252	2554578	39.847	ng	#	87
38) Benzo(k)fluoranthene	22.981	252	2521865	39.456	ng	#	87
39) Benzo(a)pyrene	23.525	252	2517863	47.992	ng	#	79
40) Dibenzo(a,h)anthracene	25.969	278	2638385	46.200	ng		94
41) Benzo(g,h,i)perylene	26.665	276	2763432	43.293	ng		96

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

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