Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
Data File : BF143922.D
Acq On : 10 Oct 2025 13:53
Operator : RC/JU
Sample : PB170055BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 10 14:52:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170055BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/13/2025
Supervised By :mohammad ahmed 10/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	131953	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	531124	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	298081	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	512596	20.000	ng		0.00
76) Chrysene-d12	14.063	240	308767	20.000	ng		0.00
86) Perylene-d12	15.539	264	265393	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	976217	117.483	ng		0.01
7) Phenol-d6	6.510	99	1150600	116.169	ng		0.00
23) Nitrobenzene-d5	7.445	82	754190	86.271	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	377434	127.127	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1399051	74.474	ng		0.00
79) Terphenyl-d14	13.004	244	1570331	86.920	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	152410	39.637	ng		97
3) Pyridine	3.499	79	428000	38.235	ng		100
4) n-Nitrosodimethylamine	3.451	42	272918	46.347	ng		93
6) Aniline	6.545	93	475058	32.008	ng		97
8) 2-Chlorophenol	6.669	128	367956	45.301	ng		98
9) Benzaldehyde	6.434	77	80063	10.479	ng		98
10) Phenol	6.522	94	533334	45.041	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	405418	44.323	ng		98
12) 1,3-Dichlorobenzene	6.822	146	421035	43.304	ng		99
13) 1,4-Dichlorobenzene	6.898	146	423250	44.131	ng		99
14) 1,2-Dichlorobenzene	7.051	146	413562	45.019	ng		100
15) Benzyl Alcohol	7.022	79	358688	48.334	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.157	45	966667	46.428	ng		99
17) 2-Methylphenol	7.134	107	310977	46.327	ng		98
18) Hexachloroethane	7.392	117	139877	43.733	ng		99
19) n-Nitroso-di-n-propyla...	7.298	70	295317	43.559	ng		99
20) 3+4-Methylphenols	7.287	107	344767	44.315	ng	#	79
22) Acetophenone	7.292	105	476265	42.409	ng		97
24) Nitrobenzene	7.463	77	437719	45.088	ng		99
25) Isophorone	7.704	82	816037	44.270	ng		99
26) 2-Nitrophenol	7.781	139	210928	50.677	ng		99
27) 2,4-Dimethylphenol	7.816	122	358601	47.895	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	497976	42.767	ng		99
29) 2,4-Dichlorophenol	8.022	162	341625	43.804	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	344458	44.909	ng		100
31) Naphthalene	8.186	128	1013342	41.942	ng		100
32) Benzoic acid	7.939	122	277288m	53.512	ng		
33) 4-Chloroaniline	8.233	127	253290	27.953	ng		98
34) Hexachlorobutadiene	8.304	225	222169	41.683	ng		96
35) Caprolactam	8.604	113	118309m	47.710	ng		
36) 4-Chloro-3-methylphenol	8.716	107	330029	44.054	ng		99
37) 2-Methylnaphthalene	8.881	142	623726	38.756	ng		100
38) 1-Methylnaphthalene	8.981	142	635252	40.694	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	347645	42.197	ng		100
41) Hexachlorocyclopentadiene	9.033	237	330748	96.771	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	259321	43.080	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.198	196	274979	43.227	ng	97
46)	1,1'-Biphenyl	9.345	154	821921	41.647	ng	97
47)	2-Chloronaphthalene	9.369	162	687001	41.751	ng	99
48)	2-Nitroaniline	9.463	65	252328	48.504	ng	99
49)	Acenaphthylene	9.786	152	1062434	45.927	ng	99
50)	Dimethylphthalate	9.645	163	821921	43.420	ng	100
51)	2,6-Dinitrotoluene	9.710	165	178835	50.949	ng	97
52)	Acenaphthene	9.957	154	679433	44.823	ng	99
53)	3-Nitroaniline	9.875	138	156841	36.492	ng	97
54)	2,4-Dinitrophenol	9.986	184	203669	92.847	ng	92
55)	Dibenzofuran	10.133	168	898449	41.989	ng	98
56)	4-Nitrophenol	10.039	139	298937	91.861	ng	97
57)	2,4-Dinitrotoluene	10.116	165	250033	52.353	ng	98
58)	Fluorene	10.475	166	663589	41.100	ng	98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	205598	45.658	ng	100
60)	Diethylphthalate	10.345	149	763709	43.428	ng	99
61)	4-Chlorophenyl-phenyle...	10.463	204	356489	41.762	ng	99
62)	4-Nitroaniline	10.498	138	193975	46.933	ng	94
63)	Azobenzene	10.627	77	823005	44.779	ng	99
65)	4,6-Dinitro-2-methylph...	10.522	198	138094	53.610	ng	97
66)	n-Nitrosodiphenylamine	10.586	169	695697	43.224	ng	99
67)	4-Bromophenyl-phenylether	10.957	248	244560	43.170	ng	99
68)	Hexachlorobenzene	11.022	284	280803	42.816	ng	99
69)	Atrazine	11.110	200	209165	42.877	ng	99
70)	Pentachlorophenol	11.222	266	332201	88.195	ng	98
71)	Phenanthrene	11.439	178	1039164	41.816	ng	100
72)	Anthracene	11.492	178	1060143	42.228	ng	99
73)	Carbazole	11.645	167	969957	43.623	ng	100
74)	Di-n-butylphthalate	11.974	149	1196206	46.419	ng	100
75)	Fluoranthene	12.633	202	1132284	44.111	ng	100
77)	Benzidine	12.751	184	212697	19.839	ng	99
78)	Pyrene	12.863	202	1141018	44.326	ng	100
80)	Butylbenzylphthalate	13.480	149	441365	52.795	ng	97
81)	Benzo(a)anthracene	14.051	228	906702	44.873	ng	98
82)	3,3'-Dichlorobenzidine	14.015	252	233701	37.953	ng	100
83)	Chrysene	14.086	228	852263	45.573	ng	99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	518813	51.482	ng	100
85)	Di-n-octyl phthalate	14.651	149	820876	49.594	ng	100
87)	Indeno(1,2,3-cd)pyrene	17.039	276	817727	50.285	ng	99
88)	Benzo(b)fluoranthene	15.110	252	770565	50.545	ng	99
89)	Benzo(k)fluoranthene	15.139	252	722971	51.251	ng	98
90)	Benzo(a)pyrene	15.480	252	694475	52.536	ng	99
91)	Dibenzo(a,h)anthracene	17.056	278	677518	51.803	ng	100
92)	Benzo(g,h,i)perylene	17.498	276	675006	51.611	ng	98

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

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