Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101425\
Data File : BF143949.D
Acq On : 14 Oct 2025 16:13
Operator : RC/JU
Sample : PB170055BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 14 16:36:23 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
10/14/2025
Supervised By :mohammad ahmed
10/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	118783	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	465023	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	256823	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	433771	20.000	ng		0.00
76) Chrysene-d12	14.063	240	247361	20.000	ng		0.00
86) Perylene-d12	15.545	264	229733	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	872770	116.679	ng		0.00
7) Phenol-d6	6.510	99	1035190	116.105	ng		0.00
23) Nitrobenzene-d5	7.445	82	662572	86.564	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	324960	127.036	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1249663	77.208	ng		0.00
79) Terphenyl-d14	13.004	244	1351901	93.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	136708	39.495	ng		99
3) Pyridine	3.499	79	402572	39.951	ng		98
4) n-Nitrosodimethylamine	3.446	42	240321	45.336	ng		94
6) Aniline	6.545	93	470002	35.179	ng		98
8) 2-Chlorophenol	6.663	128	326002	44.586	ng		99
9) Benzaldehyde	6.434	77	195562	28.434	ng		99
10) Phenol	6.522	94	465315m	43.654	ng		
11) bis(2-Chloroethyl)ether	6.616	93	370017	44.938	ng		99
12) 1,3-Dichlorobenzene	6.822	146	377727	43.157	ng		100
13) 1,4-Dichlorobenzene	6.898	146	380675	44.093	ng		99
14) 1,2-Dichlorobenzene	7.051	146	363836	43.998	ng		100
15) Benzyl Alcohol	7.022	79	312374	46.760	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	857401	45.746	ng		99
17) 2-Methylphenol	7.134	107	274129	45.365	ng		99
18) Hexachloroethane	7.392	117	124439	43.220	ng		99
19) n-Nitroso-di-n-propyla...	7.292	70	260148	42.626	ng		99
20) 3+4-Methylphenols	7.287	107	307492	43.906	ng	#	73
22) Acetophenone	7.292	105	456756	46.453	ng		98
24) Nitrobenzene	7.463	77	387411	45.578	ng		99
25) Isophorone	7.704	82	723901	44.854	ng		100
26) 2-Nitrophenol	7.781	139	185383	50.871	ng		98
27) 2,4-Dimethylphenol	7.816	122	318432	48.575	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	457201	44.846	ng		98
29) 2,4-Dichlorophenol	8.022	162	300557	44.016	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	300386	44.730	ng		99
31) Naphthalene	8.187	128	905947	42.827	ng		99
32) Benzoic acid	7.939	122	232590	51.267	ng		98
33) 4-Chloroaniline	8.234	127	168571	21.248	ng		98
34) Hexachlorobutadiene	8.304	225	192496	41.250	ng		97
35) Caprolactam	8.604	113	102329m	47.132	ng		
36) 4-Chloro-3-methylphenol	8.716	107	292710	44.626	ng		98
37) 2-Methylnaphthalene	8.881	142	550824	39.091	ng		98
38) 1-Methylnaphthalene	8.981	142	571719	41.830	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	323807	45.618	ng		99
41) Hexachlorocyclopentadiene	9.034	237	319945	108.649	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	225309	43.442	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	241324	44.031	ng		99
46) 1,1'-Biphenyl	9.345	154	787600	46.319	ng		98
47) 2-Chloronaphthalene	9.369	162	609645	43.002	ng		97
48) 2-Nitroaniline	9.463	65	220218	49.132	ng		99
49) Acenaphthylene	9.786	152	967163	48.525	ng		99
50) Dimethylphthalate	9.645	163	726615	44.552	ng		99
51) 2,6-Dinitrotoluene	9.710	165	158175	52.302	ng		94
52) Acenaphthene	9.957	154	585998	44.870	ng		100
53) 3-Nitroaniline	9.875	138	119416	32.248	ng		99
54) 2,4-Dinitrophenol	9.986	184	162038	86.267	ng	#	90
55) Dibenzofuran	10.133	168	792450	42.984	ng		99
56) 4-Nitrophenol	10.039	139	240051	85.616	ng		96
57) 2,4-Dinitrotoluene	10.110	165	214262	52.070	ng		98
58) Fluorene	10.475	166	602736	43.328	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	183031m	47.176	ng		
60) Diethylphthalate	10.345	149	661161	43.636	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	312560	42.498	ng		97
62) 4-Nitroaniline	10.492	138	161624	45.388	ng		97
63) Azobenzene	10.628	77	731390	46.187	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	116621	53.501	ng		98
66) n-Nitrosodiphenylamine	10.586	169	609980	44.786	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	204021	42.559	ng		97
68) Hexachlorobenzene	11.022	284	242638	43.720	ng		99
69) Atrazine	11.110	200	196973	47.715	ng		100
70) Pentachlorophenol	11.222	266	259520	81.419	ng		98
71) Phenanthrene	11.439	178	917260	43.618	ng		99
72) Anthracene	11.492	178	941105	44.298	ng		100
73) Carbazole	11.645	167	835457	44.402	ng		99
74) Di-n-butylphthalate	11.975	149	1021669	46.851	ng		99
75) Fluoranthene	12.633	202	964435	44.399	ng		99
77) Benzidine	12.751	184	344111	40.064	ng		98
78) Pyrene	12.863	202	957514	46.431	ng		99
80) Butylbenzylphthalate	13.480	149	350848	52.386	ng		99
81) Benzo(a)anthracene	14.051	228	747867	46.200	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	126081	25.558	ng		99
83) Chrysene	14.092	228	650468	43.417	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	417913	51.764	ng		99
85) Di-n-octyl phthalate	14.657	149	614508	46.343	ng		99
87) Indeno(1,2,3-cd)pyrene	17.051	276	714723	50.773	ng		97
88) Benzo(b)fluoranthene	15.110	252	614839	46.591	ng		99
89) Benzo(k)fluoranthene	15.139	252	536880	43.967	ng		100
90) Benzo(a)pyrene	15.486	252	557596	48.729	ng		98
91) Dibenzo(a,h)anthracene	17.068	278	578363	51.086	ng		97
92) Benzo(g,h,i)perylene	17.504	276	587725	51.912	ng		97

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

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