Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143832.D
Acq On : 30 Sep 2025 14:34
Operator : RC/JU
Sample : PB169880BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 30 15:00:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB169880BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/01/2025
Supervised By :Jagrut Upadhyay 10/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	176669	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	656314	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	351165	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	557066	20.000	ng		0.00
76) Chrysene-d12	14.057	240	507394	20.000	ng		0.00
86) Perylene-d12	15.539	264	705082	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1179229	108.445	ng		0.01
7) Phenol-d6	6.510	99	1403407	111.699	ng		0.00
23) Nitrobenzene-d5	7.451	82	884218	82.467	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	564679	108.601	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1765547	78.457	ng		0.00
79) Terphenyl-d14	13.004	244	2414733	96.788	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	183209	35.201	ng		96
3) Pyridine	3.504	79	514208	36.600	ng		91
4) n-Nitrosodimethylamine	3.451	42	269097	38.199	ng		81
6) Aniline	6.551	93	636261	34.892	ng		99
8) 2-Chlorophenol	6.669	128	472145	42.413	ng		99
9) Benzaldehyde	6.439	77	293685	26.692	ng		96
10) Phenol	6.528	94	621312	42.544	ng		97
11) bis(2-Chloroethyl)ether	6.622	93	476285	41.605	ng		99
12) 1,3-Dichlorobenzene	6.828	146	540863	41.846	ng		99
13) 1,4-Dichlorobenzene	6.904	146	546388	42.360	ng		99
14) 1,2-Dichlorobenzene	7.057	146	525218	42.993	ng		99
15) Benzyl Alcohol	7.028	79	425095	46.825	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	991778	36.536	ng		95
17) 2-Methylphenol	7.134	107	378984	43.974	ng		99
18) Hexachloroethane	7.398	117	185474	40.888	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	346439	42.879	ng		91
20) 3+4-Methylphenols	7.286	107	441729	42.088	ng	#	87
22) Acetophenone	7.298	105	667631	46.315	ng		94
24) Nitrobenzene	7.469	77	515841	43.404	ng		97
25) Isophorone	7.710	82	954071	45.663	ng		98
26) 2-Nitrophenol	7.781	139	242954	49.692	ng		97
27) 2,4-Dimethylphenol	7.816	122	444703	47.619	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	584907	43.088	ng		99
29) 2,4-Dichlorophenol	8.022	162	411379	44.768	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	441169	46.263	ng		100
31) Naphthalene	8.192	128	1309511	41.679	ng		99
32) Benzoic acid	7.933	122	283073	62.825	ng		94
33) 4-Chloroaniline	8.233	127	288229	26.105	ng		99
34) Hexachlorobutadiene	8.310	225	321858	45.275	ng		99
35) Caprolactam	8.604	113	122936m	52.342	ng		
36) 4-Chloro-3-methylphenol	8.716	107	398398	46.228	ng		99
37) 2-Methylnaphthalene	8.880	142	805789	40.221	ng		100
38) 1-Methylnaphthalene	8.980	142	817017	42.607	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	488569	46.102	ng		99
41) Hexachlorocyclopentadiene	9.039	237	761947	113.446	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	309078	46.577	ng		98

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44) 2,4,5-Trichlorophenol	9.198	196	321107	46.263	ng		97
46) 1,1'-Biphenyl	9.345	154	1146137	45.088	ng		99
47) 2-Chloronaphthalene	9.375	162	839001	41.003	ng		99
48) 2-Nitroaniline	9.463	65	310613	50.226	ng		99
49) Acenaphthylene	9.792	152	1338221	47.508	ng		99
50) Dimethylphthalate	9.645	163	966787	45.170	ng		100
51) 2,6-Dinitrotoluene	9.710	165	204518	58.158	ng		92
52) Acenaphthene	9.963	154	825025	44.507	ng		100
53) 3-Nitroaniline	9.875	138	151187	35.469	ng		98
54) 2,4-Dinitrophenol	9.980	184	166819	97.461	ng	#	27
55) Dibenzofuran	10.133	168	1122052	42.806	ng		99
56) 4-Nitrophenol	10.033	139	313904	91.386	ng		92
57) 2,4-Dinitrotoluene	10.110	165	268510	51.233	ng		97
58) Fluorene	10.475	166	851254	43.683	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	323356	54.381	ng		94
60) Diethylphthalate	10.351	149	907832	45.311	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	447042	45.023	ng		95
62) 4-Nitroaniline	10.492	138	199352	49.739	ng		99
63) Azobenzene	10.627	77	913219	43.249	ng		97
65) 4,6-Dinitro-2-methylph...	10.522	198	120529	56.270	ng		81
66) n-Nitrosodiphenylamine	10.586	169	823601	44.956	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	470941	49.607	ng		96
68) Hexachlorobenzene	11.022	284	655868	50.132	ng		99
69) Atrazine	11.110	200	260652	49.132	ng		98
70) Pentachlorophenol	11.216	266	677583	104.047	ng		99
71) Phenanthrene	11.439	178	1227780	42.930	ng		99
72) Anthracene	11.492	178	1254719	43.737	ng		100
73) Carbazole	11.645	167	1083105	43.182	ng		99
74) Di-n-butylphthalate	11.974	149	1283897	44.508	ng		100
75) Fluoranthene	12.627	202	1237804	43.032	ng		99
77) Benzidine	12.751	184	399172	32.285	ng		99
78) Pyrene	12.857	202	1239293	49.680	ng		100
80) Butylbenzylphthalate	13.474	149	432539	50.118	ng		98
81) Benzo(a)anthracene	14.045	228	1233967	45.270	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	372840	31.573	ng		100
83) Chrysene	14.086	228	1072277	43.474	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	548071	43.324	ng	#	99
85) Di-n-octyl phthalate	14.651	149	922091	40.183	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	2595286	48.512	ng		98
88) Benzo(b)fluoranthene	15.104	252	1820049	50.689	ng		99
89) Benzo(k)fluoranthene	15.133	252	1414832	39.221	ng		99
90) Benzo(a)pyrene	15.474	252	1585027	46.962	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	2122139	48.499	ng		99
92) Benzo(g,h,i)perylene	17.492	276	2124276	50.363	ng		98

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

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