Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092525\
Data File : BF143804.D
Acq On : 25 Sep 2025 14:16
Operator : RC/JU
Sample : PB169827BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 25 14:57:54 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 :
PB169827BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/26/2025
Supervised By :Jagrut Upadhyay 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	154944	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	586166	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	295245	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	455131	20.000	ng	0.00
76) Chrysene-d12	14.057	240	452412	20.000	ng	0.00
86) Perylene-d12	15.533	264	566269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1062005	111.359	ng	0.01
7) Phenol-d6	6.510	99	1250023	113.441	ng	0.00
23) Nitrobenzene-d5	7.445	82	806781	84.250	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	479746	109.742	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1528950	80.812	ng	0.00
79) Terphenyl-d14	12.998	244	2056205	92.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	165532	36.264	ng	100
3) Pyridine	3.493	79	455308	36.952	ng	99
4) n-Nitrosodimethylamine	3.446	42	277819	44.967	ng	95
6) Aniline	6.545	93	516079	32.269	ng	99
8) 2-Chlorophenol	6.669	128	417322	42.745	ng	99
9) Benzaldehyde	6.434	77	115635	11.983	ng	98
10) Phenol	6.522	94	532940m	41.610	ng	
11) bis(2-Chloroethyl)ether	6.622	93	435170	43.344	ng	99
12) 1,3-Dichlorobenzene	6.828	146	479427	42.294	ng	100
13) 1,4-Dichlorobenzene	6.904	146	482234	42.628	ng	99
14) 1,2-Dichlorobenzene	7.057	146	466826	43.571	ng	100
15) Benzyl Alcohol	7.022	79	370645	46.552	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1020007	42.844	ng	99
17) 2-Methylphenol	7.134	107	333152	44.076	ng	99
18) Hexachloroethane	7.398	117	169392	42.578	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	314780	44.424	ng	98
20) 3+4-Methylphenols	7.281	107	390864	42.463	ng	96
22) Acetophenone	7.292	105	555882	43.177	ng	98
24) Nitrobenzene	7.469	77	455128	42.879	ng	97
25) Isophorone	7.704	82	851108	45.610	ng	100
26) 2-Nitrophenol	7.781	139	194232	44.766	ng	98
27) 2,4-Dimethylphenol	7.816	122	389964	46.755	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	520514	42.933	ng	99
29) 2,4-Dichlorophenol	8.022	162	350565	42.716	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	383033	44.973	ng	100
31) Naphthalene	8.192	128	1162906	41.443	ng	100
32) Benzoic acid	7.916	122	210549m	52.321	ng	
33) 4-Chloroaniline	8.233	127	270444	27.426	ng	99
34) Hexachlorobutadiene	8.310	225	275769	43.434	ng	99
35) Caprolactam	8.592	113	104193m	49.671	ng	
36) 4-Chloro-3-methylphenol	8.710	107	339654	44.128	ng	99
37) 2-Methylnaphthalene	8.880	142	694046	38.789	ng	100
38) 1-Methylnaphthalene	8.980	142	715322	41.768	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	368894	41.402	ng	99
41) Hexachlorocyclopentadiene	9.033	237	593049	105.022	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	254202	45.563	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	259825	44.524	ng		99
46) 1,1'-Biphenyl	9.345	154	913939	42.764	ng		99
47) 2-Chloronaphthalene	9.369	162	720777	41.897	ng		99
48) 2-Nitroaniline	9.463	65	258937	49.800	ng		99
49) Acenaphthylene	9.786	152	1127108	47.592	ng		100
50) Dimethylphthalate	9.645	163	813768	45.221	ng		100
51) 2,6-Dinitrotoluene	9.704	165	167208	56.554	ng		98
52) Acenaphthene	9.963	154	698991	44.850	ng		98
53) 3-Nitroaniline	9.875	138	128649	35.898	ng		100
54) 2,4-Dinitrophenol	9.980	184	123010	90.006	ng	#	24
55) Dibenzofuran	10.133	168	947951	43.014	ng		100
56) 4-Nitrophenol	10.027	139	269066	93.169	ng		93
57) 2,4-Dinitrotoluene	10.110	165	214946	48.920	ng		99
58) Fluorene	10.475	166	699412	42.689	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	262852	52.578	ng		97
60) Diethylphthalate	10.345	149	767269	45.548	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	360668	43.204	ng		97
62) 4-Nitroaniline	10.486	138	164334	48.768	ng		100
63) Azobenzene	10.627	77	797009	44.894	ng		100
65) 4,6-Dinitro-2-methylph...	10.516	198	87321	51.358	ng		92
66) n-Nitrosodiphenylamine	10.586	169	671478	44.861	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	364447	46.988	ng		99
68) Hexachlorobenzene	11.022	284	491991	46.029	ng		99
69) Atrazine	11.110	200	203198	46.880	ng		98
70) Pentachlorophenol	11.216	266	517265	97.219	ng		99
71) Phenanthrene	11.439	178	1015112	43.443	ng		99
72) Anthracene	11.492	178	1029676	43.931	ng		99
73) Carbazole	11.645	167	894842	43.666	ng		99
74) Di-n-butylphthalate	11.974	149	1105559	46.909	ng		100
75) Fluoranthene	12.627	202	1022236	43.497	ng		99
77) Benzidine	12.751	184	299235	27.143	ng		99
78) Pyrene	12.857	202	1049427	47.181	ng		100
80) Butylbenzylphthalate	13.474	149	407004	52.890	ng		98
81) Benzo(a)anthracene	14.045	228	1048353	43.134	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	372315	35.360	ng		100
83) Chrysene	14.086	228	1015236	46.164	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	543078	48.147	ng		99
85) Di-n-octyl phthalate	14.651	149	957348	46.790	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	2058670	47.915	ng		100
88) Benzo(b)fluoranthene	15.104	252	1487418	51.580	ng		100
89) Benzo(k)fluoranthene	15.133	252	1396964	48.218	ng		100
90) Benzo(a)pyrene	15.474	252	1396443	51.517	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	1728792	49.195	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1694904	50.033	ng		100

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

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