Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111725\
Data File : BF144265.D
Acq On : 17 Nov 2025 13:52
Operator : RC/JU
Sample : PB170576BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 17 14:13:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB170576BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2025
Supervised By :Sohil Jodhani 11/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57508	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	224965	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	126893	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	214778	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127678	20.000	ng	0.00
86) Perylene-d12	15.527	264	154286	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	421874	114.798	ng	0.00
7) Phenol-d6	6.504	99	478765	114.978	ng	0.00
23) Nitrobenzene-d5	7.434	82	311496	79.970	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	188405	118.318	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	680168	79.166	ng	0.00
79) Terphenyl-d14	12.986	244	663126	82.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	56543	37.216	ng	98
3) Pyridine	3.463	79	148748	35.092	ng	99
4) n-Nitrosodimethylamine	3.404	42	99331	44.863	ng	97
6) Aniline	6.534	93	186036	31.358	ng	98
8) 2-Chlorophenol	6.651	128	154455	42.857	ng	100
9) Benzaldehyde	6.422	77	63023	26.803	ng	99
10) Phenol	6.516	94	207073	40.702	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	159489	43.023	ng	99
12) 1,3-Dichlorobenzene	6.810	146	187707	42.208	ng	98
13) 1,4-Dichlorobenzene	6.886	146	190820	42.829	ng	98
14) 1,2-Dichlorobenzene	7.034	146	183824	43.046	ng	99
15) Benzyl Alcohol	7.010	79	148710	45.102	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	286313	41.940	ng	95
17) 2-Methylphenol	7.122	107	119855	41.804	ng	95
18) Hexachloroethane	7.375	117	61002	41.212	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	115627	42.182	ng	94
20) 3+4-Methylphenols	7.275	107	146258	43.275	ng	92
22) Acetophenone	7.275	105	224963	46.615	ng	95
24) Nitrobenzene	7.451	77	175647	41.532	ng	99
25) Isophorone	7.686	82	316082	42.901	ng	100
26) 2-Nitrophenol	7.769	139	88948	42.487	ng	98
27) 2,4-Dimethylphenol	7.804	122	146563	46.708	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	195648	42.524	ng	98
29) 2,4-Dichlorophenol	8.010	162	151071	41.771	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	164074	44.180	ng	96
31) Naphthalene	8.169	128	447289	41.797	ng	100
32) Benzoic acid	7.933	122	101372	44.073	ng	94
33) 4-Chloroaniline	8.222	127	96938	24.837	ng	99
34) Hexachlorobutadiene	8.286	225	114468	40.898	ng	99
35) Caprolactam	8.592	113	43562m	43.965	ng	
36) 4-Chloro-3-methylphenol	8.704	107	138818	42.829	ng	99
37) 2-Methylnaphthalene	8.863	142	278575	38.935	ng	99
38) 1-Methylnaphthalene	8.963	142	278003	40.269	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	190679	45.851	ng	98
41) Hexachlorocyclopentadiene	9.016	237	137806	83.412	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	117312	41.446	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	124969	40.965	ng		98
46) 1,1'-Biphenyl	9.328	154	402584	45.451	ng		99
47) 2-Chloronaphthalene	9.357	162	315213	41.719	ng		99
48) 2-Nitroaniline	9.451	65	98024	44.964	ng		99
49) Acenaphthylene	9.769	152	479794	46.599	ng		99
50) Dimethylphthalate	9.627	163	375975	44.725	ng		99
51) 2,6-Dinitrotoluene	9.692	165	79835	46.914	ng		99
52) Acenaphthene	9.945	154	300376m	43.626	ng		
53) 3-Nitroaniline	9.863	138	56681	30.470	ng		99
54) 2,4-Dinitrophenol	9.975	184	78637	76.525	ng		98
55) Dibenzofuran	10.116	168	400494	41.532	ng		99
56) 4-Nitrophenol	10.033	139	94446	70.187	ng		93
57) 2,4-Dinitrotoluene	10.098	165	104644	45.935	ng		97
58) Fluorene	10.457	166	315358	43.013	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	95261	44.136	ng	#	96
60) Diethylphthalate	10.327	149	336684	43.446	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	172430	41.288	ng		99
62) 4-Nitroaniline	10.480	138	71517	40.370	ng		98
63) Azobenzene	10.610	77	320032	44.374	ng		99
65) 4,6-Dinitro-2-methylph...	10.510	198	61765	42.332	ng		98
66) n-Nitrosodiphenylamine	10.569	169	309243	44.767	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	117484	42.855	ng		97
68) Hexachlorobenzene	11.010	284	143061	44.304	ng		95
69) Atrazine	11.098	200	97665	44.457	ng		99
70) Pentachlorophenol	11.204	266	136188	84.697	ng		97
71) Phenanthrene	11.421	178	466162	43.593	ng		100
72) Anthracene	11.474	178	461640	42.456	ng		99
73) Carbazole	11.633	167	387879	41.951	ng		99
74) Di-n-butylphthalate	11.957	149	461045	41.248	ng		99
75) Fluoranthene	12.616	202	461433	41.772	ng		99
77) Benzidine	12.739	184	84424	22.354	ng		99
78) Pyrene	12.845	202	448811	43.597	ng		99
80) Butylbenzylphthalate	13.457	149	150266	42.115	ng		99
81) Benzo(a)anthracene	14.039	228	391354	44.226	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	102068	33.650	ng		96
83) Chrysene	14.074	228	349396	42.772	ng		98
84) Bis(2-ethylhexyl)phtha...	14.015	149	190183	38.937	ng		98
85) Di-n-octyl phthalate	14.633	149	341741	40.553	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	503139	45.429	ng		99
88) Benzo(b)fluoranthene	15.092	252	436245	49.735	ng		99
89) Benzo(k)fluoranthene	15.121	252	384664	46.853	ng		99
90) Benzo(a)pyrene	15.468	252	401625	49.632	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	409253	46.011	ng		99
92) Benzo(g,h,i)perylene	17.486	276	418232	47.615	ng		99

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

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