Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142595.D
Acq On : 02 Jun 2025 13:54
Operator : RC/JU
Sample : PB168235BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 02 14:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB168235BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/03/2025
Supervised By :Jagrut Upadhyay 06/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	124139	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	485746	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	271698	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	469529	20.000	ng	0.00
76) Chrysene-d12	14.074	240	249290	20.000	ng	0.00
86) Perylene-d12	15.568	264	263582	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	906620	123.042	ng	0.01
7) Phenol-d6	6.528	99	1104479	124.522	ng	0.00
23) Nitrobenzene-d5	7.463	82	678991	76.222	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	383400	127.143	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1457346	71.975	ng	0.00
79) Terphenyl-d14	13.016	244	1440878	78.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	106175	36.010	ng	100
3) Pyridine	3.522	79	299076	39.832	ng	98
4) n-Nitrosodimethylamine	3.475	42	163603	41.965	ng	91
6) Aniline	6.563	93	391173	32.799	ng	100
8) 2-Chlorophenol	6.687	128	353147	44.002	ng	99
9) Benzaldehyde	6.451	77	183138	34.329	ng	99
10) Phenol	6.545	94	423745	42.458	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	312003	43.429	ng	100
12) 1,3-Dichlorobenzene	6.839	146	374882	41.860	ng	99
13) 1,4-Dichlorobenzene	6.916	146	378417	41.948	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362456	41.990	ng	100
15) Benzyl Alcohol	7.039	79	283806	43.298	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	513926	42.597	ng	99
17) 2-Methylphenol	7.151	107	276621	44.146	ng	99
18) Hexachloroethane	7.410	117	131101	41.620	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	227191	41.329	ng	99
20) 3+4-Methylphenols	7.304	107	343279	42.780	ng	99
22) Acetophenone	7.310	105	448031	41.666	ng	99
24) Nitrobenzene	7.481	77	344719	42.906	ng	99
25) Isophorone	7.722	82	628729	42.214	ng	98
26) 2-Nitrophenol	7.798	139	193780	45.139	ng	96
27) 2,4-Dimethylphenol	7.833	122	334818	44.225	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	399276	42.916	ng	100
29) 2,4-Dichlorophenol	8.039	162	305895	44.429	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	318291	42.597	ng	98
31) Naphthalene	8.204	128	1014451	42.414	ng	100
32) Benzoic acid	7.957	122	218542	47.422	ng	96
33) 4-Chloroaniline	8.251	127	176677	18.230	ng	98
34) Hexachlorobutadiene	8.322	225	190668	40.867	ng	99
35) Caprolactam	8.622	113	99971m	51.700	ng	
36) 4-Chloro-3-methylphenol	8.733	107	318462	45.134	ng	98
37) 2-Methylnaphthalene	8.898	142	638084	42.405	ng	99
38) 1-Methylnaphthalene	8.998	142	654458	42.048	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	323517	41.480	ng	99
41) Hexachlorocyclopentadiene	9.051	237	424440	80.672	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	227625	43.281	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	246489	44.440	ng	98
46) 1,1'-Biphenyl	9.363	154	890515	42.247	ng	100
47) 2-Chloronaphthalene	9.386	162	653163	41.940	ng	99
48) 2-Nitroaniline	9.480	65	203179	45.136	ng	99
49) Acenaphthylene	9.804	152	1114044	42.363	ng	100
50) Dimethylphthalate	9.663	163	792383	44.199	ng	100
51) 2,6-Dinitrotoluene	9.727	165	176658	45.656	ng	95
52) Acenaphthene	9.975	154	743945	46.329	ng	99
53) 3-Nitroaniline	9.892	138	114327	27.052	ng	99
54) 2,4-Dinitrophenol	10.004	184	197620	98.857	ng	91
55) Dibenzofuran	10.151	168	979008	42.367	ng	98
56) 4-Nitrophenol	10.057	139	298469	95.715	ng	97
57) 2,4-Dinitrotoluene	10.133	165	239779	47.451	ng	99
58) Fluorene	10.492	166	767546	42.995	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	204888	44.249	ng	99
60) Diethylphthalate	10.363	149	787046	44.951	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	373395	42.578	ng	99
62) 4-Nitroaniline	10.510	138	185820	48.480	ng	97
63) Azobenzene	10.645	77	687495	43.717	ng	98
65) 4,6-Dinitro-2-methylph...	10.539	198	127291	48.578	ng	99
66) n-Nitrosodiphenylamine	10.604	169	682308	42.475	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	236773	42.648	ng	99
68) Hexachlorobenzene	11.039	284	267154	43.507	ng	99
69) Atrazine	11.127	200	210470	49.336	ng	99
70) Pentachlorophenol	11.233	266	303289	87.484	ng	99
71) Phenanthrene	11.457	178	1081466	43.099	ng	100
72) Anthracene	11.510	178	1107034	43.228	ng	99
73) Carbazole	11.663	167	982811	44.892	ng	99
74) Di-n-butylphthalate	11.986	149	1127520	47.051	ng	99
75) Fluoranthene	12.645	202	1069949	45.634	ng	98
77) Benzidine	12.763	184	363104	39.141	ng	100
78) Pyrene	12.874	202	1051541	45.218	ng	99
80) Butylbenzylphthalate	13.486	149	333843	51.953	ng	99
81) Benzo(a)anthracene	14.063	228	730755	43.899	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	134486	26.636	ng	98
83) Chrysene	14.104	228	684085	45.734	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	408925	49.711	ng	99
85) Di-n-octyl phthalate	14.662	149	704542	43.803	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	843246	42.614	ng	98
88) Benzo(b)fluoranthene	15.127	252	731225	46.873	ng	99
89) Benzo(k)fluoranthene	15.157	252	615237	42.107	ng	98
90) Benzo(a)pyrene	15.509	252	661758	45.004	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	691116	43.063	ng	99
92) Benzo(g,h,i)perylene	17.551	276	683261	42.564	ng	98

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

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