Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060225\
Data File : BF142596.D
Acq On : 02 Jun 2025 14:23
Operator : RC/JU
Sample : PB168235BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 02 14:46:43 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 :
PB168235BSD

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	121815	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	480019	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	267337	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	467735	20.000	ng	0.00
76) Chrysene-d12	14.074	240	244296	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	271289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	859387	118.857	ng	0.01
7) Phenol-d6	6.528	99	1054388	121.142	ng	0.00
23) Nitrobenzene-d5	7.463	82	643375	73.086	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	362774	122.265	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1387378	69.638	ng	-0.01
79) Terphenyl-d14	13.016	244	1353021	75.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	99567	34.413	ng	100
3) Pyridine	3.516	79	281828	38.251	ng	98
4) n-Nitrosodimethylamine	3.469	42	153136	40.029	ng	89
6) Aniline	6.563	93	374034	31.961	ng	100
8) 2-Chlorophenol	6.687	128	335779	42.636	ng	100
9) Benzaldehyde	6.451	77	175660	33.555	ng	100
10) Phenol	6.545	94	406297	41.486	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	295502	41.917	ng	99
12) 1,3-Dichlorobenzene	6.839	146	353667	40.245	ng	99
13) 1,4-Dichlorobenzene	6.916	146	361425	40.829	ng	98
14) 1,2-Dichlorobenzene	7.069	146	346239	40.877	ng	99
15) Benzyl Alcohol	7.039	79	270724	42.090	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	489983	41.387	ng	97
17) 2-Methylphenol	7.151	107	263017	42.776	ng	99
18) Hexachloroethane	7.410	117	124536	40.290	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	219266	40.649	ng	98
20) 3+4-Methylphenols	7.304	107	328466	41.715	ng	99
22) Acetophenone	7.310	105	430279	40.493	ng	99
24) Nitrobenzene	7.481	77	322571	40.628	ng	100
25) Isophorone	7.722	82	602379	40.928	ng	99
26) 2-Nitrophenol	7.798	139	183337	43.216	ng	96
27) 2,4-Dimethylphenol	7.834	122	319594	42.718	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	381998	41.548	ng	99
29) 2,4-Dichlorophenol	8.039	162	293761	43.176	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	302860	41.016	ng	98
31) Naphthalene	8.204	128	969182	41.005	ng	100
32) Benzoic acid	7.957	122	214093	47.010	ng	96
33) 4-Chloroaniline	8.251	127	173118	18.076	ng	98
34) Hexachlorobutadiene	8.322	225	185656	40.268	ng	99
35) Caprolactam	8.622	113	94251m	49.323	ng	
36) 4-Chloro-3-methylphenol	8.733	107	301488	43.238	ng	97
37) 2-Methylnaphthalene	8.898	142	603600	40.592	ng	99
38) 1-Methylnaphthalene	8.998	142	625578	40.672	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	307355	40.051	ng	99
41) Hexachlorocyclopentadiene	9.051	237	402562	77.762	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	216571	41.851	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	231921	42.495	ng	99
46) 1,1'-Biphenyl	9.363	154	840854	40.542	ng	99
47) 2-Chloronaphthalene	9.386	162	623705	40.702	ng	99
48) 2-Nitroaniline	9.480	65	192120	43.375	ng	98
49) Acenaphthylene	9.804	152	1063876	41.115	ng	100
50) Dimethylphthalate	9.663	163	758859	43.020	ng	100
51) 2,6-Dinitrotoluene	9.728	165	168232	44.188	ng	95
52) Acenaphthene	9.975	154	714616	45.228	ng	99
53) 3-Nitroaniline	9.892	138	108414	26.071	ng	98
54) 2,4-Dinitrophenol	10.004	184	195823	99.556	ng	92
55) Dibenzofuran	10.151	168	935965	41.165	ng	98
56) 4-Nitrophenol	10.057	139	275219	89.699	ng	97
57) 2,4-Dinitrotoluene	10.128	165	229516	46.161	ng	99
58) Fluorene	10.492	166	728508	41.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	197146	43.271	ng	99
60) Diethylphthalate	10.363	149	742673	43.109	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	358107	41.501	ng	98
62) 4-Nitroaniline	10.510	138	173033	45.880	ng	97
63) Azobenzene	10.639	77	654721	42.312	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	124652	47.754	ng	98
66) n-Nitrosodiphenylamine	10.604	169	657300	41.076	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	226677	40.986	ng	97
68) Hexachlorobenzene	11.039	284	254337	41.579	ng	100
69) Atrazine	11.127	200	197333	46.434	ng	100
70) Pentachlorophenol	11.233	266	286493	82.956	ng	99
71) Phenanthrene	11.457	178	1030386	41.221	ng	100
72) Anthracene	11.510	178	1047674	41.067	ng	99
73) Carbazole	11.663	167	915413	41.974	ng	99
74) Di-n-butylphthalate	11.986	149	1054540	44.174	ng	100
75) Fluoranthene	12.645	202	993361	42.530	ng	98
77) Benzidine	12.763	184	337902	37.169	ng	99
78) Pyrene	12.874	202	974927	42.780	ng	100
80) Butylbenzylphthalate	13.486	149	310361	49.286	ng	99
81) Benzo(a)anthracene	14.063	228	692921	42.477	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	129835	26.241	ng	98
83) Chrysene	14.104	228	640831	43.718	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	396090	49.135	ng	99
85) Di-n-octyl phthalate	14.663	149	689795	43.763	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	828706	40.689	ng	98
88) Benzo(b)fluoranthene	15.127	252	704885	43.901	ng	98
89) Benzo(k)fluoranthene	15.157	252	599933	39.893	ng	97
90) Benzo(a)pyrene	15.504	252	651737	43.063	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	679455	41.133	ng	99
92) Benzo(g,h,i)perylene	17.551	276	670764	40.598	ng	98

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

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