Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103025\
Data File : BP026041.D
Acq On : 30 Oct 2025 12:36
Operator : RC/JU
Sample : PB170294BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 30 13:11:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 30 11:51:34 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170294BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Jagrut Upadhyay 10/31/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.684	152	316621	20.000	ng	0.00
21) Naphthalene-d8	10.454	136	1252981	20.000	ng	0.00
39) Acenaphthene-d10	14.324	164	762334	20.000	ng	0.00
64) Phenanthrene-d10	17.136	188	1523490	20.000	ng	0.01
76) Chrysene-d12	21.595	240	1580584	20.000	ng	0.03
86) Perylene-d12	24.924	264	1633127	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.301	112	2658093	138.529	ng	0.00
7) Phenol-d6	6.860	99	3295457	134.935	ng	0.00
23) Nitrobenzene-d5	8.825	82	1824765	90.788	ng	0.00
42) 2,4,6-Tribromophenol	15.848	330	1166786	141.573	ng	0.02
45) 2-Fluorobiphenyl	12.930	172	4735796	89.265	ng	0.00
79) Terphenyl-d14	19.877	244	7099774	91.261	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.243	88	302405	37.384	ng	99
3) Pyridine	3.625	79	850352	36.980	ng	99
4) n-Nitrosodimethylamine	3.537	42	417466	45.297	ng	100
6) Aniline	7.019	93	1029152	31.574	ng	99
8) 2-Chlorophenol	7.254	128	1003078	47.208	ng	99
9) Benzaldehyde	6.831	77	403204	31.759	ng	98
10) Phenol	6.884	94	1244279	45.892	ng	99
11) bis(2-Chloroethyl)ether	7.113	93	940380	43.948	ng	99
12) 1,3-Dichlorobenzene	7.578	146	1106103	45.329	ng	99
13) 1,4-Dichlorobenzene	7.719	146	1122388	45.493	ng	99
14) 1,2-Dichlorobenzene	8.031	146	1071414	45.510	ng	98
15) Benzyl Alcohol	7.913	79	795203	45.165	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1404664	43.436	ng	99
17) 2-Methylphenol	8.119	107	833092	46.923	ng	99
18) Hexachloroethane	8.754	117	376845	44.638	ng	98
19) n-Nitroso-di-n-propyla...	8.484	70	676241	44.606	ng	99
20) 3+4-Methylphenols	8.437	107	1118668	45.292	ng	98
22) Acetophenone	8.489	105	1577688	49.787	ng	99
24) Nitrobenzene	8.866	77	981784	46.264	ng	99
25) Isophorone	9.389	82	1914996	44.513	ng	100
26) 2-Nitrophenol	9.566	139	353388	45.395	ng	98
27) 2,4-Dimethylphenol	9.631	122	947330	52.364	ng	99
28) bis(2-Chloroethoxy)met...	9.872	93	1233610	45.500	ng	99
29) 2,4-Dichlorophenol	10.101	162	927133	48.536	ng	100
30) 1,2,4-Trichlorobenzene	10.319	180	991239	47.743	ng	99
31) Naphthalene	10.501	128	3035098	44.420	ng	100
32) Benzoic acid	9.760	122	550420	49.632	ng	99
33) 4-Chloroaniline	10.601	127	474699	18.079	ng	99
34) Hexachlorobutadiene	10.801	225	604383	45.808	ng	99
35) Caprolactam	11.366	113	289416m	43.146	ng	
36) 4-Chloro-3-methylphenol	11.736	107	939108	46.899	ng	98
37) 2-Methylnaphthalene	12.125	142	1948618	40.747	ng	99
38) 1-Methylnaphthalene	12.342	142	2024336	43.572	ng	99
40) 1,2,4,5-Tetrachloroben...	12.495	216	1190507	50.260	ng	99
41) Hexachlorocyclopentadiene	12.483	237	1179949	136.151	ng	96
43) 2,4,6-Trichlorophenol	12.736	196	704673	50.331	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.801	196	782169	48.960	ng	97
46) 1,1'-Biphenyl	13.148	154	2970827	50.894	ng	100
47) 2-Chloronaphthalene	13.183	162	2086440	45.430	ng	98
48) 2-Nitroaniline	13.383	65	522311	44.423	ng	99
49) Acenaphthylene	14.048	152	3496557	52.235	ng	100
50) Dimethylphthalate	13.783	163	2578710	46.504	ng	100
51) 2,6-Dinitrotoluene	13.889	165	513089	49.461	ng	98
52) Acenaphthene	14.389	154	2195918m	47.785	ng	
53) 3-Nitroaniline	14.213	138	327642	27.424	ng	97
54) 2,4-Dinitrophenol	14.430	184	394843	80.695	ng	96
55) Dibenzofuran	14.730	168	3169647	45.652	ng	100
56) 4-Nitrophenol	14.536	139	1004154	90.815	ng	100
57) 2,4-Dinitrotoluene	14.689	165	716301	47.153	ng	98
58) Fluorene	15.395	166	2488927	45.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	674058	53.663	ng	99
60) Diethylphthalate	15.177	149	2564356	46.000	ng	100
61) 4-Chlorophenyl-phenyle...	15.401	204	1210691	44.571	ng	99
62) 4-Nitroaniline	15.407	138	560176	47.276	ng	97
63) Azobenzene	15.695	77	2379294	47.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.471	198	284152	46.558	ng	98
66) n-Nitrosodiphenylamine	15.607	169	2199124	46.167	ng	99
67) 4-Bromophenyl-phenylether	16.307	248	774747	45.845	ng	99
68) Hexachlorobenzene	16.424	284	876019	45.536	ng	100
69) Atrazine	16.595	200	807011	50.222	ng	98
70) Pentachlorophenol	16.777	266	1146757	97.588	ng	100
71) Phenanthrene	17.183	178	3965714	44.722	ng	100
72) Anthracene	17.271	178	3989444	45.386	ng	99
73) Carbazole	17.548	167	3905796	46.941	ng	100
74) Di-n-butylphthalate	18.154	149	4534868	48.707	ng	99
75) Fluoranthene	19.271	202	4721472	45.644	ng	99
77) Benzidine	19.460	184	1292351	32.213	ng	99
78) Pyrene	19.648	202	4979278	46.578	ng	99
80) Butylbenzylphthalate	20.618	149	1823867	45.860	ng	100
81) Benzo(a)anthracene	21.571	228	4974675	45.802	ng	100
82) 3,3'-Dichlorobenzidine	21.489	252	879353	25.128	ng	99
83) Chrysene	21.642	228	4607958	44.787	ng	100
84) Bis(2-ethylhexyl)phtha...	21.548	149	2947919	46.371	ng	99
85) Di-n-octyl phthalate	22.836	149	4556829	48.431	ng	100
87) Indeno(1,2,3-cd)pyrene	28.694	276	5760051m	47.774	ng	
88) Benzo(b)fluoranthene	23.871	252	4849889	47.837	ng	99
89) Benzo(k)fluoranthene	23.942	252	4960614	47.915	ng	100
90) Benzo(a)pyrene	24.759	252	4621186	49.615	ng	99
91) Dibenzo(a,h)anthracene	28.794	278	4770049	48.616	ng	99
92) Benzo(g,h,i)perylene	29.865	276	4656784	49.321	ng	99

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

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