Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025794.D
Acq On : 19 Sep 2025 11:34
Operator : CG/JU
Sample : PB169672BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 19 12:00:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169672BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/22/2025
Supervised By :Jagrut Upadhyay 09/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	193933	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	767606	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	490149	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	989992	20.000	ng	0.00
76) Chrysene-d12	21.624	240	957841	20.000	ng	-0.02
86) Perylene-d12	24.989	264	955045	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1425111	118.571	ng	0.00
7) Phenol-d6	6.943	99	1825813	114.288	ng	0.00
23) Nitrobenzene-d5	8.896	82	1224677	70.377	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	662034	108.288	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2595177	70.499	ng	0.00
79) Terphenyl-d14	19.907	244	3911548	73.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	171536	34.005	ng	99
3) Pyridine	3.702	79	480426	34.587	ng	99
4) n-Nitrosodimethylamine	3.614	42	264321	40.328	ng	99
6) Aniline	7.090	93	647850	29.542	ng	100
8) 2-Chlorophenol	7.331	128	565255	42.870	ng	99
9) Benzaldehyde	6.908	77	185022	19.323	ng	98
10) Phenol	6.966	94	719216	42.696	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	560891	41.444	ng	100
12) 1,3-Dichlorobenzene	7.643	146	599803	39.970	ng	98
13) 1,4-Dichlorobenzene	7.784	146	612438	40.065	ng	99
14) 1,2-Dichlorobenzene	8.102	146	591750	39.848	ng	99
15) Benzyl Alcohol	7.996	79	518809	39.301	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	924573	41.774	ng	100
17) 2-Methylphenol	8.202	107	476217	41.931	ng	99
18) Hexachloroethane	8.813	117	238077	40.775	ng	95
19) n-Nitroso-di-n-propyla...	8.549	70	443293	39.784	ng	99
20) 3+4-Methylphenols	8.519	107	646906	40.672	ng	98
22) Acetophenone	8.566	105	846310	41.257	ng	99
24) Nitrobenzene	8.943	77	649136	41.582	ng	98
25) Isophorone	9.460	82	1213184	39.664	ng	99
26) 2-Nitrophenol	9.643	139	298440	43.058	ng	98
27) 2,4-Dimethylphenol	9.707	122	516797	42.502	ng	98
28) bis(2-Chloroethoxy)met...	9.937	93	741645	41.947	ng	100
29) 2,4-Dichlorophenol	10.178	162	523281	43.162	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	552131	40.410	ng	98
31) Naphthalene	10.572	128	1684480	40.698	ng	99
32) Benzoic acid	9.884	122	382930	42.358	ng	97
33) 4-Chloroaniline	10.684	127	440429	25.530	ng	99
34) Hexachlorobutadiene	10.854	225	349048	39.684	ng	99
35) Caprolactam	11.484	113	181390	38.813	ng	99
36) 4-Chloro-3-methylphenol	11.819	107	597246	41.320	ng	98
37) 2-Methylnaphthalene	12.178	142	1075279	40.448	ng	99
38) 1-Methylnaphthalene	12.396	142	1111187	39.197	ng	100
40) 1,2,4,5-Tetrachloroben...	12.554	216	624471	42.044	ng	99
41) Hexachlorocyclopentadiene	12.531	237	652089	80.610	ng	97
43) 2,4,6-Trichlorophenol	12.801	196	439156	44.976	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	481357	44.296	ng		99
46) 1,1'-Biphenyl	13.195	154	1541723	42.853	ng		99
47) 2-Chloronaphthalene	13.243	162	1186074	41.869	ng		99
48) 2-Nitroaniline	13.448	65	418937	44.364	ng		99
49) Acenaphthylene	14.090	152	1955017	41.652	ng		100
50) Dimethylphthalate	13.825	163	1587451	42.421	ng		100
51) 2,6-Dinitrotoluene	13.948	165	346800	43.742	ng		96
52) Acenaphthene	14.437	154	1106397	40.874	ng		100
53) 3-Nitroaniline	14.290	138	281389	33.751	ng		97
54) 2,4-Dinitrophenol	14.495	184	419822	81.356	ng		98
55) Dibenzofuran	14.778	168	1804254	40.898	ng		100
56) 4-Nitrophenol	14.619	139	584154	81.285	ng		96
57) 2,4-Dinitrotoluene	14.748	165	496783	44.029	ng		97
58) Fluorene	15.442	166	1434924	40.904	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	425657	43.483	ng		99
60) Diethylphthalate	15.207	149	1602214	42.210	ng		100
61) 4-Chlorophenyl-phenyle...	15.437	204	718818	40.658	ng		98
62) 4-Nitroaniline	15.472	138	366842	42.950	ng		99
63) Azobenzene	15.737	77	1555405	42.378	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	285957	43.434	ng		93
66) n-Nitrosodiphenylamine	15.654	169	1306972	43.140	ng		100
67) 4-Bromophenyl-phenylether	16.342	248	462826	42.555	ng		97
68) Hexachlorobenzene	16.466	284	512755	42.277	ng		98
69) Atrazine	16.631	200	491564	42.447	ng		97
70) Pentachlorophenol	16.825	266	673050	84.081	ng		99
71) Phenanthrene	17.219	178	2338554	41.642	ng		99
72) Anthracene	17.319	178	2374161	41.667	ng		100
73) Carbazole	17.601	167	2257646	42.618	ng		99
74) Di-n-butylphthalate	18.189	149	2838593	43.665	ng		100
75) Fluoranthene	19.307	202	2843695	42.222	ng		99
77) Benzidine	19.507	184	871220	31.576	ng		99
78) Pyrene	19.683	202	2914933	45.608	ng		99
80) Butylbenzylphthalate	20.630	149	1312633	46.841	ng		96
81) Benzo(a)anthracene	21.607	228	2763708	42.146	ng		99
82) 3,3'-Dichlorobenzidine	21.524	252	773783	34.126	ng		98
83) Chrysene	21.672	228	2603596	41.651	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1854160	45.225	ng		98
85) Di-n-octyl phthalate	22.813	149	3189847	43.739	ng		99
87) Indeno(1,2,3-cd)pyrene	28.801	276	3221449	46.383	ng	#	85
88) Benzo(b)fluoranthene	23.918	252	2650294	45.379	ng		99
89) Benzo(k)fluoranthene	23.995	252	2665655	44.729	ng		100
90) Benzo(a)pyrene	24.824	252	2548681	44.562	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	2643943	46.519	ng		98
92) Benzo(g,h,i)perylene	30.000	276	2643832m	47.301	ng		

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

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