Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025362.D
Acq On : 12 Aug 2025 11:30
Operator : CG/JU
Sample : PB169176BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 11:51:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 06:41:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.796	152	223200	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	886480	20.000	ng		0.00
39) Acenaphthene-d10	14.425	164	559934	20.000	ng		0.00
64) Phenanthrene-d10	17.225	188	1136515	20.000	ng		0.00
76) Chrysene-d12	21.666	240	1132010	20.000	ng		0.00
86) Perylene-d12	25.054	264	1223220	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1742569	125.568	ng		0.00
7) Phenol-d6	6.978	99	2158841	118.204	ng		0.01
23) Nitrobenzene-d5	8.937	82	1345724	84.102	ng		0.00
42) 2,4,6-Tribromophenol	15.931	330	889948	159.318	ng		0.00
45) 2-Fluorobiphenyl	13.037	172	3120279	76.969	ng		0.00
79) Terphenyl-d14	19.948	244	5091486	84.953	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	206812	37.764	ng		96
3) Pyridine	3.725	79	576424	37.885	ng		95
4) n-Nitrosodimethylamine	3.631	42	265691	37.613	ng		93
6) Aniline	7.131	93	788062	31.432	ng		98
8) 2-Chlorophenol	7.372	128	695681	45.798	ng		98
9) Benzaldehyde	6.943	77	342372m	26.394	ng		
10) Phenol	7.002	94	831451	42.548	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	626969	40.948	ng		97
12) 1,3-Dichlorobenzene	7.690	146	742731	43.515	ng		100
13) 1,4-Dichlorobenzene	7.837	146	751047	43.493	ng		98
14) 1,2-Dichlorobenzene	8.149	146	717536	42.894	ng		99
15) Benzyl Alcohol	8.031	79	572996	40.474	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	870361	35.984	ng		97
17) 2-Methylphenol	8.231	107	564530	43.174	ng		98
18) Hexachloroethane	8.872	117	275372	44.591	ng		99
19) n-Nitroso-di-n-propyla...	8.596	70	473576	39.466	ng		94
20) 3+4-Methylphenols	8.555	107	765532	42.516	ng		98
22) Acetophenone	8.607	105	967849	43.491	ng	#	95
24) Nitrobenzene	8.984	77	697056	46.020	ng		97
25) Isophorone	9.507	82	1354401	42.523	ng		99
26) 2-Nitrophenol	9.690	139	360082	54.075	ng		97
27) 2,4-Dimethylphenol	9.749	122	646859	44.050	ng		98
28) bis(2-Chloroethoxy)met...	9.984	93	841710	43.441	ng		99
29) 2,4-Dichlorophenol	10.219	162	630757	49.063	ng		97
30) 1,2,4-Trichlorobenzene	10.437	180	644021	45.406	ng		99
31) Naphthalene	10.625	128	2046658	44.474	ng		99
32) Benzoic acid	9.878	122	490093	55.174	ng		97
33) 4-Chloroaniline	10.725	127	537124	26.243	ng		98
34) Hexachlorobutadiene	10.913	225	387739	47.623	ng		98
35) Caprolactam	11.501	113	235976	47.314	ng		88
36) 4-Chloro-3-methylphenol	11.848	107	705454	47.423	ng		98
37) 2-Methylnaphthalene	12.237	142	1315226	44.155	ng		99
38) 1-Methylnaphthalene	12.448	142	1381648	44.455	ng		99
40) 1,2,4,5-Tetrachloroben...	12.607	216	712479	46.607	ng		99
41) Hexachlorocyclopentadiene	12.590	237	944964	100.155	ng		99
43) 2,4,6-Trichlorophenol	12.837	196	510019	51.646	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.919	196	565361	51.035	ng		99
46) 1,1'-Biphenyl	13.248	154	1895189	45.928	ng		98
47) 2-Chloronaphthalene	13.290	162	1425474	45.280	ng		99
48) 2-Nitroaniline	13.484	65	439377	47.666	ng		91
49) Acenaphthylene	14.142	152	2405072	45.800	ng		99
50) Dimethylphthalate	13.872	163	1915246	46.921	ng		99
51) 2,6-Dinitrotoluene	13.990	165	414015	54.988	ng		91
52) Acenaphthene	14.484	154	1666870m	52.039	ng		
53) 3-Nitroaniline	14.313	138	339554	38.541	ng	#	98
54) 2,4-Dinitrophenol	14.519	184	477041	99.036	ng	#	50
55) Dibenzofuran	14.825	168	2195907	45.876	ng		99
56) 4-Nitrophenol	14.631	139	794482	102.178	ng		95
57) 2,4-Dinitrotoluene	14.784	165	592279	50.560	ng		97
58) Fluorene	15.489	166	1713488	45.578	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	485805	52.498	ng		98
60) Diethylphthalate	15.260	149	1964959	47.748	ng		99
61) 4-Chlorophenyl-phenyle...	15.484	204	837336	46.981	ng		98
62) 4-Nitroaniline	15.501	138	462742	53.009	ng		96
63) Azobenzene	15.784	77	1700864	44.490	ng		98
65) 4,6-Dinitro-2-methylph...	15.560	198	332908	60.351	ng		92
66) n-Nitrosodiphenylamine	15.701	169	1607766	46.461	ng		99
67) 4-Bromophenyl-phenylether	16.395	248	550321	48.125	ng		96
68) Hexachlorobenzene	16.519	284	620802	48.382	ng		96
69) Atrazine	16.672	200	606431	49.832	ng		98
70) Pentachlorophenol	16.866	266	870458	106.481	ng		98
71) Phenanthrene	17.266	178	2888692	46.406	ng		100
72) Anthracene	17.360	178	2957986	47.128	ng		100
73) Carbazole	17.636	167	2837889	47.102	ng		100
74) Di-n-butylphthalate	18.242	149	3644409	50.000	ng		99
75) Fluoranthene	19.348	202	3411266	47.339	ng		99
77) Benzidine	19.536	184	1349937	32.947	ng		99
78) Pyrene	19.724	202	3544570	47.087	ng		100
80) Butylbenzylphthalate	20.677	149	1703505	55.799	ng		98
81) Benzo(a)anthracene	21.648	228	3487864	46.366	ng		99
82) 3,3'-Dichlorobenzidine	21.566	252	989290	37.274	ng		99
83) Chrysene	21.719	228	3322383	47.618	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	2470691	50.682	ng		99
85) Di-n-octyl phthalate	22.901	149	4122164	50.519	ng		97
87) Indeno(1,2,3-cd)pyrene	28.918	276	4205037m	47.961	ng		
88) Benzo(b)fluoranthene	23.989	252	3481057	47.540	ng		99
89) Benzo(k)fluoranthene	24.071	252	3427390	47.216	ng		99
90) Benzo(a)pyrene	24.907	252	3354897	47.576	ng		99
91) Dibenzo(a,h)anthracene	29.006	278	3437751	47.876	ng		98
92) Benzo(g,h,i)perylene	30.106	276	3339547	47.388	ng		99

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

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