Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110625\
Data File : BP026079.D
Acq On : 06 Nov 2025 15:35
Operator : RC/JU
Sample : PB170424BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 06 16:12:58 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 :
PB170424BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/07/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	300293	20.000	ng		0.00
21) Naphthalene-d8	10.454	136	1260021	20.000	ng		0.00
39) Acenaphthene-d10	14.325	164	853804	20.000	ng		0.00
64) Phenanthrene-d10	17.130	188	1821988	20.000	ng		0.00
76) Chrysene-d12	21.571	240	1872003	20.000	ng		0.00
86) Perylene-d12	24.895	264	1998604	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.302	112	2407721	132.303	ng		0.00
7) Phenol-d6	6.860	99	3111525	134.331	ng		0.00
23) Nitrobenzene-d5	8.819	82	1740695	86.121	ng		0.00
42) 2,4,6-Tribromophenol	15.836	330	1432494	155.192	ng		0.00
45) 2-Fluorobiphenyl	12.925	172	4550227	76.579	ng		0.00
79) Terphenyl-d14	19.872	244	7828262	84.960	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.231	88	252458	32.907	ng		98
3) Pyridine	3.614	79	695094	31.871	ng		97
4) n-Nitrosodimethylamine	3.525	42	354902	40.602	ng		91
6) Aniline	7.013	93	1091236	35.299	ng		99
8) 2-Chlorophenol	7.249	128	980493	48.655	ng		97
9) Benzaldehyde	6.825	77	396545	32.933	ng		99
10) Phenol	6.884	94	1207329	46.950	ng		99
11) bis(2-Chloroethyl)ether	7.107	93	846976	41.735	ng		100
12) 1,3-Dichlorobenzene	7.572	146	979064	42.305	ng		99
13) 1,4-Dichlorobenzene	7.719	146	1005636	42.977	ng		99
14) 1,2-Dichlorobenzene	8.031	146	973373	43.594	ng		99
15) Benzyl Alcohol	7.913	79	815169	48.817	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.207	45	1205373	39.300	ng		97
17) 2-Methylphenol	8.119	107	828132	49.180	ng		99
18) Hexachloroethane	8.749	117	350060	43.719	ng		98
19) n-Nitroso-di-n-propyla...	8.478	70	652661	45.391	ng		98
20) 3+4-Methylphenols	8.437	107	1147915	49.003	ng		99
22) Acetophenone	8.490	105	1508040	47.323	ng	#	97
24) Nitrobenzene	8.860	77	949232	44.480	ng		98
25) Isophorone	9.390	82	1899192	43.899	ng		100
26) 2-Nitrophenol	9.566	139	483675	60.817	ng		97
27) 2,4-Dimethylphenol	9.631	122	942767	51.821	ng		99
28) bis(2-Chloroethoxy)met...	9.866	93	1186049	43.501	ng		100
29) 2,4-Dichlorophenol	10.101	162	971363	50.568	ng		99
30) 1,2,4-Trichlorobenzene	10.319	180	942195	45.127	ng		97
31) Naphthalene	10.501	128	2877193	41.874	ng		100
32) Benzoic acid	9.772	122	845596	67.173	ng		95
33) 4-Chloroaniline	10.601	127	779125	29.508	ng		100
34) Hexachlorobutadiene	10.796	225	556926	41.975	ng		98
35) Caprolactam	11.372	113	360818m	53.490	ng		
36) 4-Chloro-3-methylphenol	11.731	107	1061481	52.714	ng		99
37) 2-Methylnaphthalene	12.119	142	1919899	39.922	ng		99
38) 1-Methylnaphthalene	12.337	142	1982527	42.433	ng		98
40) 1,2,4,5-Tetrachloroben...	12.495	216	1205103	45.426	ng		99
41) Hexachlorocyclopentadiene	12.484	237	1209033	124.561	ng		97
43) 2,4,6-Trichlorophenol	12.731	196	815265	51.992	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.807	196	917274	51.266	ng		98
46) 1,1'-Biphenyl	13.142	154	3049794	46.650	ng		99
47) 2-Chloronaphthalene	13.184	162	2112935	41.078	ng		99
48) 2-Nitroaniline	13.378	65	658887	49.667	ng		94
49) Acenaphthylene	14.037	152	3645640	48.628	ng		100
50) Dimethylphthalate	13.778	163	2927654	47.141	ng		100
51) 2,6-Dinitrotoluene	13.889	165	629781	53.919	ng		93
52) Acenaphthene	14.389	154	2107035	40.939	ng		99
53) 3-Nitroaniline	14.219	138	533574	38.678	ng	#	97
54) 2,4-Dinitrophenol	14.425	184	696443	109.641	ng		97
55) Dibenzofuran	14.731	168	3388704	43.579	ng		99
56) 4-Nitrophenol	14.542	139	1292340	104.356	ng		97
57) 2,4-Dinitrotoluene	14.689	165	898072	52.416	ng		91
58) Fluorene	15.389	166	2689532	44.148	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.960	232	813480	57.824	ng		99
60) Diethylphthalate	15.172	149	2969874	47.567	ng		100
61) 4-Chlorophenyl-phenyle...	15.395	204	1330487	43.733	ng		98
62) 4-Nitroaniline	15.401	138	688459	51.877	ng		96
63) Azobenzene	15.695	77	2508347	44.329	ng		96
65) 4,6-Dinitro-2-methylph...	15.466	198	471257	59.474	ng		92
66) n-Nitrosodiphenylamine	15.607	169	2503020	43.938	ng		99
67) 4-Bromophenyl-phenylether	16.307	248	892025	44.137	ng		98
68) Hexachlorobenzene	16.425	284	1021133	44.383	ng		97
69) Atrazine	16.589	200	967981	50.370	ng		99
70) Pentachlorophenol	16.772	266	1628665	115.892	ng		100
71) Phenanthrene	17.172	178	4480675	42.251	ng		99
72) Anthracene	17.272	178	4659290	44.323	ng		99
73) Carbazole	17.548	167	4429412	44.513	ng		99
74) Di-n-butylphthalate	18.166	149	5463574	49.068	ng		99
75) Fluoranthene	19.272	202	5547129	44.841	ng		98
77) Benzidine	19.466	184	1936772	40.760	ng		99
78) Pyrene	19.648	202	5719749	45.175	ng		99
80) Butylbenzylphthalate	20.613	149	2570878	53.934	ng		96
81) Benzo(a)anthracene	21.554	228	5596910	43.509	ng		99
82) 3,3'-Dichlorobenzidine	21.483	252	1654362	39.915	ng		100
83) Chrysene	21.624	228	5341240	43.832	ng		99
84) Bis(2-ethylhexyl)phtha...	21.524	149	3787769	50.086	ng	#	98
85) Di-n-octyl phthalate	22.801	149	6607119	59.290	ng		98
87) Indeno(1,2,3-cd)pyrene	28.689	276	6952210	47.117	ng		99
88) Benzo(b)fluoranthene	23.860	252	5846575	47.122	ng		99
89) Benzo(k)fluoranthene	23.930	252	5721823	45.161	ng		99
90) Benzo(a)pyrene	24.759	252	5490590	48.170	ng		99
91) Dibenzo(a,h)anthracene	28.765	278	5761092	47.979	ng		99
92) Benzo(g,h,i)perylene	29.865	276	5657726	48.965	ng		99

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

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