Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121125\
Data File : BP026292.D
Acq On : 11 Dec 2025 14:26
Operator : RC/JU
Sample : PB170902BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 11 14:49:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 05 14:52:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170902BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/12/2025
Supervised By :Jagrut Upadhyay 12/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	232526	20.000	ng	0.00
21) Naphthalene-d8	10.413	136	920282	20.000	ng	0.00
39) Acenaphthene-d10	14.284	164	594254	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1205040	20.000	ng	0.00
76) Chrysene-d12	21.536	240	1295183	20.000	ng	0.00
86) Perylene-d12	24.830	264	1383311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.278	112	1687331	116.662	ng	0.00
7) Phenol-d6	6.837	99	2066957	113.216	ng	0.00
23) Nitrobenzene-d5	8.790	82	1232322	76.220	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	1032403	133.591	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	3230605	79.039	ng	0.00
79) Terphenyl-d14	19.830	244	5337857	84.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.208	88	208614	35.470	ng	97
3) Pyridine	3.602	79	487935	28.887	ng	98
4) n-Nitrosodimethylamine	3.508	42	250036	39.695	ng	97
6) Aniline	6.984	93	609105	25.425	ng	98
8) 2-Chlorophenol	7.219	128	690591	42.019	ng	99
9) Benzaldehyde	6.802	77	238823	24.265	ng	96
10) Phenol	6.866	94	793784	40.420	ng	97
11) bis(2-Chloroethyl)ether	7.078	93	598107	38.845	ng	97
12) 1,3-Dichlorobenzene	7.537	146	716735	40.301	ng	99
13) 1,4-Dichlorobenzene	7.684	146	740950	41.344	ng	99
14) 1,2-Dichlorobenzene	7.996	146	712188	41.399	ng	99
15) Benzyl Alcohol	7.884	79	554136	41.753	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.172	45	827308	38.498	ng	98
17) 2-Methylphenol	8.090	107	547668	41.090	ng	98
18) Hexachloroethane	8.713	117	269989	41.473	ng	97
19) n-Nitroso-di-n-propyla...	8.443	70	435739	38.719	ng	98
20) 3+4-Methylphenols	8.413	107	743274	40.384	ng	98
22) Acetophenone	8.454	105	1033667	44.281	ng	100
24) Nitrobenzene	8.825	77	662766	40.554	ng	98
25) Isophorone	9.354	82	1281047	40.386	ng	99
26) 2-Nitrophenol	9.531	139	364181	44.075	ng	98
27) 2,4-Dimethylphenol	9.601	122	608295	41.594	ng	98
28) bis(2-Chloroethoxy)met...	9.825	93	790858	39.672	ng	100
29) 2,4-Dichlorophenol	10.066	162	651994	43.746	ng	100
30) 1,2,4-Trichlorobenzene	10.278	180	687954	44.904	ng	98
31) Naphthalene	10.460	128	1989005	39.978	ng	99
32) Benzoic acid	9.748	122	554328	47.316	ng	98
33) 4-Chloroaniline	10.566	127	523438	25.113	ng	99
34) Hexachlorobutadiene	10.748	225	443049	44.291	ng	99
35) Caprolactam	11.354	113	219555	41.716	ng	97
36) 4-Chloro-3-methylphenol	11.707	107	687614	43.848	ng	99
37) 2-Methylnaphthalene	12.078	142	1302263	37.139	ng	98
38) 1-Methylnaphthalene	12.295	142	1344946	39.260	ng	100
40) 1,2,4,5-Tetrachloroben...	12.448	216	861774	47.506	ng	100
41) Hexachlorocyclopentadiene	12.431	237	770095	68.056	ng	98
43) 2,4,6-Trichlorophenol	12.695	196	549684	44.586	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.766	196	612208	44.586	ng	99
46) 1,1'-Biphenyl	13.095	154	2054017	45.775	ng	99
47) 2-Chloronaphthalene	13.142	162	1465985	41.467	ng	99
48) 2-Nitroaniline	13.342	65	420815	43.459	ng	98
49) Acenaphthylene	14.001	152	2437814	42.020	ng	100
50) Dimethylphthalate	13.736	163	1903711	42.993	ng	100
51) 2,6-Dinitrotoluene	13.848	165	422228	48.252	ng	99
52) Acenaphthene	14.348	154	1366117	40.271	ng	99
53) 3-Nitroaniline	14.178	138	342954	33.528	ng	99
54) 2,4-Dinitrophenol	14.395	184	494634	106.025	ng	97
55) Dibenzofuran	14.695	168	2226562	42.205	ng	99
56) 4-Nitrophenol	14.507	139	746694	81.753	ng	95
57) 2,4-Dinitrotoluene	14.660	165	601915	46.240	ng	95
58) Fluorene	15.360	166	1793341	42.970	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	548444	47.190	ng	99
60) Diethylphthalate	15.131	149	1949271	43.891	ng	99
61) 4-Chlorophenyl-phenyle...	15.354	204	901356	43.315	ng	98
62) 4-Nitroaniline	15.372	138	424477	39.985	ng	95
63) Azobenzene	15.654	77	1597141	42.768	ng	98
65) 4,6-Dinitro-2-methylph...	15.436	198	349995	49.175	ng	98
66) n-Nitrosodiphenylamine	15.566	169	1611186	43.244	ng	100
67) 4-Bromophenyl-phenylether	16.266	248	597637	44.735	ng	98
68) Hexachlorobenzene	16.389	284	703104	45.285	ng	97
69) Atrazine	16.554	200	614620	43.874	ng	98
70) Pentachlorophenol	16.742	266	990390	91.950	ng	99
71) Phenanthrene	17.142	178	2901627	42.713	ng	100
72) Anthracene	17.230	178	2941177	42.507	ng	99
73) Carbazole	17.513	167	2748952	41.966	ng	99
74) Di-n-butylphthalate	18.119	149	3451836	44.604	ng	99
75) Fluoranthene	19.224	202	3538715	42.802	ng	99
77) Benzidine	19.430	184	547397	13.461	ng	99
78) Pyrene	19.601	202	3698426	43.820	ng	99
80) Butylbenzylphthalate	20.571	149	1633360	44.096	ng	95
81) Benzo(a)anthracene	21.518	228	3746470	42.168	ng	100
82) 3,3'-Dichlorobenzidine	21.442	252	1117297	34.564	ng	99
83) Chrysene	21.583	228	3548044	42.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.471	149	2422723	43.482	ng	99
85) Di-n-octyl phthalate	22.742	149	4279067	43.562	ng	98
87) Indeno(1,2,3-cd)pyrene	28.577	276	4910361m	46.969	ng	
88) Benzo(b)fluoranthene	23.795	252	3933450	46.787	ng	99
89) Benzo(k)fluoranthene	23.865	252	4037865	48.014	ng	100
90) Benzo(a)pyrene	24.683	252	3810270	47.796	ng	99
91) Dibenzo(a,h)anthracene	28.671	278	4096804	47.910	ng	98
92) Benzo(g,h,i)perylene	29.736	276	4019918	47.158	ng	98

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

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