Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120825\
Data File : BP026253.D
Acq On : 08 Dec 2025 15:46
Operator : RC/JU
Sample : PB170839BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB170839BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2025
Supervised By :Sohil Jodhani 12/12/2025

Quant Time: Dec 08 16:06:25 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.649	152	234821	20.000	ng	0.00
21) Naphthalene-d8	10.419	136	917799	20.000	ng	0.00
39) Acenaphthene-d10	14.289	164	585344	20.000	ng	0.00
64) Phenanthrene-d10	17.095	188	1186242	20.000	ng	0.00
76) Chrysene-d12	21.530	240	1315705	20.000	ng	0.00
86) Perylene-d12	24.818	264	1526420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	1806957	123.712	ng	0.00
7) Phenol-d6	6.843	99	2205093	119.602	ng	0.00
23) Nitrobenzene-d5	8.796	82	1289022	79.943	ng	0.00
42) 2,4,6-Tribromophenol	15.807	330	1043434	137.074	ng	0.00
45) 2-Fluorobiphenyl	12.895	172	3295163	81.846	ng	0.00
79) Terphenyl-d14	19.836	244	5512906	85.642	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.214	88	213006	35.863	ng	97
3) Pyridine	3.608	79	574379	33.673	ng	98
4) n-Nitrosodimethylamine	3.514	42	266266	41.858	ng	96
6) Aniline	6.990	93	643111	26.582	ng	99
8) 2-Chlorophenol	7.231	128	719376	43.343	ng	99
9) Benzaldehyde	6.807	77	283458	28.519	ng	97
10) Phenol	6.866	94	839395	42.325	ng	97
11) bis(2-Chloroethyl)ether	7.084	93	620170	39.885	ng	99
12) 1,3-Dichlorobenzene	7.543	146	763686	42.521	ng	99
13) 1,4-Dichlorobenzene	7.684	146	783141	43.271	ng	100
14) 1,2-Dichlorobenzene	8.002	146	755783	43.504	ng	99
15) Benzyl Alcohol	7.890	79	572654	42.727	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	855441	39.418	ng	98
17) 2-Methylphenol	8.096	107	574600	42.689	ng	99
18) Hexachloroethane	8.725	117	276670	42.084	ng	97
19) n-Nitroso-di-n-propyla...	8.454	70	451500	39.727	ng	98
20) 3+4-Methylphenols	8.419	107	781756	42.060	ng	99
22) Acetophenone	8.466	105	975621	41.907	ng	99
24) Nitrobenzene	8.831	77	683889	41.960	ng	100
25) Isophorone	9.360	82	1309875	41.407	ng	99
26) 2-Nitrophenol	9.537	139	370829	45.001	ng	97
27) 2,4-Dimethylphenol	9.601	122	643973	44.152	ng	99
28) bis(2-Chloroethoxy)met...	9.837	93	807781	40.631	ng	99
29) 2,4-Dichlorophenol	10.078	162	676124	45.487	ng	99
30) 1,2,4-Trichlorobenzene	10.284	180	701171	45.890	ng	97
31) Naphthalene	10.472	128	2068955	41.697	ng	99
32) Benzoic acid	9.743	122	453738	38.835	ng	98
33) 4-Chloroaniline	10.572	127	450620	21.678	ng	99
34) Hexachlorobutadiene	10.760	225	441295	44.235	ng	99
35) Caprolactam	11.354	113	227747	43.390	ng	98
36) 4-Chloro-3-methylphenol	11.713	107	697500	44.599	ng	99
37) 2-Methylnaphthalene	12.090	142	1344886	38.458	ng	99
38) 1-Methylnaphthalene	12.301	142	1394384	40.813	ng	99
40) 1,2,4,5-Tetrachloroben...	12.460	216	795231	44.505	ng	99
41) Hexachlorocyclopentadiene	12.448	237	979439	87.874	ng	100
43) 2,4,6-Trichlorophenol	12.701	196	553940	45.615	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	620792	45.900	ng	99
46) 1,1'-Biphenyl	13.113	154	1904357	43.085	ng	99
47) 2-Chloronaphthalene	13.148	162	1473114	42.303	ng	99
48) 2-Nitroaniline	13.348	65	430613	45.148	ng	98
49) Acenaphthylene	14.007	152	2524730	44.181	ng	99
50) Dimethylphthalate	13.748	163	1924598	44.127	ng	100
51) 2,6-Dinitrotoluene	13.854	165	422566	49.026	ng	98
52) Acenaphthene	14.354	154	1387793	41.533	ng	100
53) 3-Nitroaniline	14.189	138	263013	26.104	ng	99
54) 2,4-Dinitrophenol	14.401	184	416061	90.540	ng	96
55) Dibenzofuran	14.689	168	2274568	43.772	ng	99
56) 4-Nitrophenol	14.519	139	773081	85.931	ng	96
57) 2,4-Dinitrotoluene	14.660	165	604466	47.143	ng	95
58) Fluorene	15.354	166	1805647	43.923	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.925	232	545798	47.677	ng	100
60) Diethylphthalate	15.136	149	1923470	43.970	ng	99
61) 4-Chlorophenyl-phenyle...	15.348	204	903239	44.066	ng	100
62) 4-Nitroaniline	15.366	138	415638	39.748	ng	98
63) Azobenzene	15.648	77	1610656	43.787	ng	99
65) 4,6-Dinitro-2-methylph...	15.442	198	336562	48.037	ng	99
66) n-Nitrosodiphenylamine	15.572	169	1633297	44.532	ng	99
67) 4-Bromophenyl-phenylether	16.266	248	588240	44.730	ng	97
68) Hexachlorobenzene	16.383	284	702147	45.940	ng	96
69) Atrazine	16.554	200	649439	47.095	ng	98
70) Pentachlorophenol	16.742	266	987006	93.088	ng	99
71) Phenanthrene	17.142	178	2976412	44.508	ng	100
72) Anthracene	17.230	178	3011693	44.216	ng	100
73) Carbazole	17.513	167	2911033	45.144	ng	100
74) Di-n-butylphthalate	18.107	149	3443744	45.205	ng	100
75) Fluoranthene	19.224	202	3591406	44.128	ng	99
77) Benzidine	19.424	184	1059570	25.650	ng	100
78) Pyrene	19.607	202	3758415	43.836	ng	99
80) Butylbenzylphthalate	20.566	149	1665851	44.271	ng	98
81) Benzo(a)anthracene	21.513	228	3904292	43.259	ng	100
82) 3,3'-Dichlorobenzidine	21.436	252	943690	28.738	ng	99
83) Chrysene	21.583	228	3711774	43.434	ng	100
84) Bis(2-ethylhexyl)phtha...	21.471	149	2464229	43.537	ng	100
85) Di-n-octyl phthalate	22.730	149	4319716	43.289	ng	99
87) Indeno(1,2,3-cd)pyrene	28.536	276	5233433m	45.366	ng	
88) Benzo(b)fluoranthene	23.777	252	4087232	44.059	ng	99
89) Benzo(k)fluoranthene	23.848	252	4266941	45.981	ng	100
90) Benzo(a)pyrene	24.665	252	4002083	45.495	ng	98
91) Dibenzo(a,h)anthracene	28.636	278	4342152	46.018	ng	98
92) Benzo(g,h,i)perylene	29.700	276	4270860	45.404	ng	97

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

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