Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120125\
Data File : BP026199.D
Acq On : 01 Dec 2025 15:31
Operator : RC/JU
Sample : PB170743BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 15:51:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB170743BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.660	152	273271	20.000	ng	-0.01
21) Naphthalene-d8	10.419	136	1112139	20.000	ng	-0.03
39) Acenaphthene-d10	14.295	164	734282	20.000	ng	-0.03
64) Phenanthrene-d10	17.095	188	1505615	20.000	ng	-0.04
76) Chrysene-d12	21.536	240	1495582	20.000	ng	-0.04
86) Perylene-d12	24.830	264	1568504	20.000	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.284	112	2116333	124.305	ng	0.00
7) Phenol-d6	6.843	99	2658677	122.664	ng	-0.01
23) Nitrobenzene-d5	8.796	82	1554958	79.419	ng	-0.02
42) 2,4,6-Tribromophenol	15.807	330	1278849	134.256	ng	-0.03
45) 2-Fluorobiphenyl	12.901	172	4109264	82.019	ng	-0.03
79) Terphenyl-d14	19.842	244	6573807	89.626	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.220	88	239990	34.753	ng	97
3) Pyridine	3.608	79	634563	31.797	ng	99
4) n-Nitrosodimethylamine	3.519	42	309710	41.524	ng	93
6) Aniline	6.996	93	743536	25.982	ng	99
8) 2-Chlorophenol	7.231	128	850929	43.909	ng	100
9) Benzaldehyde	6.808	77	338408	29.794	ng	98
10) Phenol	6.866	94	1013577	43.409	ng	96
11) bis(2-Chloroethyl)ether	7.090	93	741395	40.553	ng	99
12) 1,3-Dichlorobenzene	7.555	146	887429	42.505	ng	100
13) 1,4-Dichlorobenzene	7.696	146	906494	43.088	ng	99
14) 1,2-Dichlorobenzene	8.007	146	873231	43.225	ng	99
15) Benzyl Alcohol	7.890	79	678684	42.741	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.178	45	1073734	41.819	ng	100
17) 2-Methylphenol	8.096	107	694110	43.669	ng	98
18) Hexachloroethane	8.725	117	323075	42.206	ng	99
19) n-Nitroso-di-n-propyla...	8.455	70	553230	41.086	ng	97
20) 3+4-Methylphenols	8.419	107	948038	43.043	ng	99
22) Acetophenone	8.466	105	1190517	42.115	ng	100
24) Nitrobenzene	8.837	77	832285	42.024	ng	98
25) Isophorone	9.360	82	1594111	41.070	ng	99
26) 2-Nitrophenol	9.543	139	414282	41.339	ng	99
27) 2,4-Dimethylphenol	9.607	122	781550	43.249	ng	99
28) bis(2-Chloroethoxy)met...	9.843	93	1023454	42.102	ng	99
29) 2,4-Dichlorophenol	10.072	162	811814	44.948	ng	98
30) 1,2,4-Trichlorobenzene	10.290	180	837887	45.558	ng	99
31) Naphthalene	10.472	128	2514965	41.843	ng	99
32) Benzoic acid	9.749	122	561192	36.877	ng	99
33) 4-Chloroaniline	10.578	127	541026	21.166	ng	99
34) Hexachlorobutadiene	10.766	225	519951	43.468	ng	99
35) Caprolactam	11.354	113	277859m	42.963	ng	
36) 4-Chloro-3-methylphenol	11.707	107	862468	44.928	ng	97
37) 2-Methylnaphthalene	12.084	142	1654101	38.819	ng	99
38) 1-Methylnaphthalene	12.307	142	1692139	40.629	ng	100
40) 1,2,4,5-Tetrachloroben...	12.460	216	961201	43.292	ng	99
41) Hexachlorocyclopentadiene	12.448	237	1225037	84.306	ng	99
43) 2,4,6-Trichlorophenol	12.701	196	673703	44.260	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	766352	45.104	ng	99
46) 1,1'-Biphenyl	13.107	154	2395275	43.321	ng	99
47) 2-Chloronaphthalene	13.148	162	1844794	42.430	ng	99
48) 2-Nitroaniline	13.348	65	525109	43.431	ng	96
49) Acenaphthylene	14.013	152	3131869	43.670	ng	100
50) Dimethylphthalate	13.748	163	2384161	43.472	ng	99
51) 2,6-Dinitrotoluene	13.860	165	529963	48.768	ng	100
52) Acenaphthene	14.360	154	1774018	42.210	ng	100
53) 3-Nitroaniline	14.190	138	357119	27.911	ng	99
54) 2,4-Dinitrophenol	14.395	184	613604	93.540	ng	96
55) Dibenzofuran	14.701	168	2838771	43.609	ng	99
56) 4-Nitrophenol	14.513	139	981518	84.796	ng	96
57) 2,4-Dinitrotoluene	14.660	165	757097	46.660	ng	98
58) Fluorene	15.360	166	2244320	43.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.931	232	677865	47.027	ng	100
60) Diethylphthalate	15.142	149	2455821	44.451	ng	99
61) 4-Chlorophenyl-phenyle...	15.360	204	1123438	43.883	ng	98
62) 4-Nitroaniline	15.378	138	512245	38.554	ng	98
63) Azobenzene	15.660	77	2113694	45.374	ng	98
65) 4,6-Dinitro-2-methylph...	15.431	198	424630	44.394	ng	98
66) n-Nitrosodiphenylamine	15.578	169	2116622	45.446	ng	99
67) 4-Bromophenyl-phenylether	16.272	248	753332	45.179	ng	98
68) Hexachlorobenzene	16.389	284	868093	44.866	ng	99
69) Atrazine	16.560	200	802079	45.669	ng	99
70) Pentachlorophenol	16.742	266	1195612	88.338	ng	99
71) Phenanthrene	17.136	178	3707591	43.714	ng	100
72) Anthracene	17.242	178	3766563	43.541	ng	100
73) Carbazole	17.507	167	3493979	42.525	ng	100
74) Di-n-butylphthalate	18.119	149	4436089	45.542	ng	100
75) Fluoranthene	19.230	202	4470230	43.379	ng	99
77) Benzidine	19.436	184	1095465	23.080	ng	99
78) Pyrene	19.607	202	4663667	47.558	ng	100
80) Butylbenzylphthalate	20.577	149	1935080	44.809	ng	99
81) Benzo(a)anthracene	21.519	228	4470021	43.519	ng	100
82) 3,3'-Dichlorobenzidine	21.448	252	975784	26.124	ng	98
83) Chrysene	21.589	228	4211926	43.511	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	2821900	43.166	ng	99
85) Di-n-octyl phthalate	22.748	149	4581770	40.082	ng	99
87) Indeno(1,2,3-cd)pyrene	28.571	276	5437766	46.227	ng	97
88) Benzo(b)fluoranthene	23.801	252	4263566	44.635	ng	99
89) Benzo(k)fluoranthene	23.871	252	4560975	47.806	ng	99
90) Benzo(a)pyrene	24.677	252	4188387	46.291	ng	99
91) Dibenzo(a,h)anthracene	28.659	278	4439848	46.107	ng	98
92) Benzo(g,h,i)perylene	29.736	276	4414154	46.120	ng	99

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

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