Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101525\
Data File : BP025976.D
Acq On : 15 Oct 2025 14:29
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 15 23:09:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:04:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/16/2025
Supervised By :Jagrut Upadhyay 10/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	142472	20.000	ng	0.00
21) Naphthalene-d8	10.460	136	609664	20.000	ng	0.00
39) Acenaphthene-d10	14.319	164	392304	20.000	ng	0.00
64) Phenanthrene-d10	17.119	188	714500	20.000	ng	0.00
76) Chrysene-d12	21.583	240	676538	20.000	ng	0.00
86) Perylene-d12	24.913	264	760985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.337	112	786653	90.526	ng	0.00
7) Phenol-d6	6.908	99	1090256	89.904	ng	0.00
23) Nitrobenzene-d5	8.849	82	1230420	90.713	ng	0.00
42) 2,4,6-Tribromophenol	15.842	330	454692	86.094	ng	0.00
45) 2-Fluorobiphenyl	12.931	172	2772576	90.585	ng	0.00
79) Terphenyl-d14	19.854	244	3540290	83.632	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	154848	44.986	ng	100
3) Pyridine	3.655	79	435907	45.382	ng	100
4) n-Nitrosodimethylamine	3.561	42	188726	44.833	ng	100
6) Aniline	7.043	93	723810	44.583	ng	100
8) 2-Chlorophenol	7.278	128	449770	44.661	ng	100
9) Benzaldehyde	6.861	77	279538	43.197	ng	100
10) Phenol	6.931	94	562406	45.933	ng	100
11) bis(2-Chloroethyl)ether	7.131	93	449028	44.977	ng	100
12) 1,3-Dichlorobenzene	7.584	146	494771	44.314	ng	100
13) 1,4-Dichlorobenzene	7.737	146	505637	44.449	ng	100
14) 1,2-Dichlorobenzene	8.049	146	489694	44.004	ng	100
15) Benzyl Alcohol	7.949	79	441536	42.777	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.213	45	672107	43.717	ng	100
17) 2-Methylphenol	8.160	107	393573	44.846	ng	100
18) Hexachloroethane	8.760	117	193465	44.567	ng	100
19) n-Nitroso-di-n-propyla...	8.496	70	380555	44.020	ng	100
20) 3+4-Methylphenols	8.490	107	528896	43.252	ng	100
22) Acetophenone	8.519	105	741071	44.712	ng	100
24) Nitrobenzene	8.890	77	547896	45.424	ng	100
25) Isophorone	9.419	82	1059216	43.480	ng	100
26) 2-Nitrophenol	9.602	139	268486	45.962	ng	100
27) 2,4-Dimethylphenol	9.666	122	447770	45.235	ng	100
28) bis(2-Chloroethoxy)met...	9.878	93	634135	44.499	ng	100
29) 2,4-Dichlorophenol	10.154	162	442014	44.815	ng	100
30) 1,2,4-Trichlorobenzene	10.331	180	498495	44.643	ng	100
31) Naphthalene	10.513	128	1449656	44.079	ng	100
32) Benzoic acid	9.884	122	297220m	41.356	ng	
33) 4-Chloroaniline	10.643	127	625448	44.782	ng	100
34) Hexachlorobutadiene	10.790	225	326672	44.205	ng	100
35) Caprolactam	11.454	113	143081	40.765	ng	100
36) 4-Chloro-3-methylphenol	11.784	107	496112	42.844	ng	100
37) 2-Methylnaphthalene	12.119	142	922673	42.850	ng	100
38) 1-Methylnaphthalene	12.348	142	969088	42.668	ng	100
40) 1,2,4,5-Tetrachloroben...	12.496	216	588634	46.079	ng	100
41) Hexachlorocyclopentadiene	12.466	237	297259	42.205	ng	100
43) 2,4,6-Trichlorophenol	12.754	196	373714	46.090	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.860	196	406208	46.006	ng	100
46) 1,1'-Biphenyl	13.137	154	1337697	45.140	ng	100
47) 2-Chloronaphthalene	13.184	162	1042238	44.981	ng	100
48) 2-Nitroaniline	13.407	65	325746	45.107	ng	100
49) Acenaphthylene	14.037	152	1671650	44.619	ng	100
50) Dimethylphthalate	13.772	163	1266843	42.723	ng	100
51) 2,6-Dinitrotoluene	13.895	165	283053	44.211	ng	100
52) Acenaphthene	14.384	154	954427	44.116	ng	100
53) 3-Nitroaniline	14.248	138	282500	44.833	ng	100
54) 2,4-Dinitrophenol	14.484	184	157151	39.103	ng	100
55) Dibenzofuran	14.725	168	1532468	44.238	ng	100
56) 4-Nitrophenol	14.631	139	130388	33.716	ng	100
57) 2,4-Dinitrotoluene	14.707	165	378641	43.647	ng	100
58) Fluorene	15.384	166	1206386	43.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.972	232	340583	42.988	ng	100
60) Diethylphthalate	15.154	149	1236035	42.277	ng	100
61) 4-Chlorophenyl-phenyle...	15.372	204	630487	43.074	ng	100
62) 4-Nitroaniline	15.437	138	258828	44.574	ng	100
63) Azobenzene	15.672	77	1182036	43.376	ng	100
65) 4,6-Dinitro-2-methylph...	15.495	198	230720	44.678	ng	100
66) n-Nitrosodiphenylamine	15.595	169	1047859	45.583	ng	100
67) 4-Bromophenyl-phenylether	16.289	248	401319	45.506	ng	100
68) Hexachlorobenzene	16.407	284	444705	44.950	ng	100
69) Atrazine	16.578	200	370012	44.617	ng	100
70) Pentachlorophenol	16.784	266	233801	44.604	ng	100
71) Phenanthrene	17.160	178	1807804	44.642	ng	100
72) Anthracene	17.260	178	1879868	45.445	ng	100
73) Carbazole	17.554	167	1624492	44.549	ng	100
74) Di-n-butylphthalate	18.119	149	1980763	44.138	ng	100
75) Fluoranthene	19.260	202	2031658	44.477	ng	100
77) Benzidine	19.466	184	957773	44.183	ng	100
78) Pyrene	19.636	202	2085780	41.801	ng	100
80) Butylbenzylphthalate	20.589	149	881613	44.398	ng	100
81) Benzo(a)anthracene	21.560	228	2071385	44.766	ng	100
82) 3,3'-Dichlorobenzidine	21.483	252	749495	45.516	ng	100
83) Chrysene	21.630	228	1958893	44.276	ng	100
84) Bis(2-ethylhexyl)phtha...	21.477	149	1260239	45.972	ng	100
85) Di-n-octyl phthalate	22.742	149	2246800	48.001	ng	100
87) Indeno(1,2,3-cd)pyrene	28.718	276	2614627	45.612	ng	100
88) Benzo(b)fluoranthene	23.854	252	2095559	44.216	ng	100
89) Benzo(k)fluoranthene	23.930	252	2121686	44.111	ng	100
90) Benzo(a)pyrene	24.760	252	2047404	44.461	ng	100
91) Dibenzo(a,h)anthracene	28.765	278	2143952	45.880	ng	100
92) Benzo(g,h,i)perylene	29.895	276	2098399	45.831	ng	100

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

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