Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025110.D
Acq On : 11 Jul 2025 19:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 11 23:11:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	411308	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1710045	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	1198704	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	2506625	20.000	ng	0.00
76) Chrysene-d12	21.336	240	2718680	20.000	ng	0.00
86) Perylene-d12	24.465	264	3058001	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1772597	76.361	ng	0.00
7) Phenol-d6	6.631	99	2355613	77.761	ng	0.00
23) Nitrobenzene-d5	8.566	82	2035645	79.168	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1240209	87.581	ng	-0.01
45) 2-Fluorobiphenyl	12.689	172	5419145	70.035	ng	0.00
79) Terphenyl-d14	19.666	244	9625383	77.812	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	322581	35.736	ng	98
3) Pyridine	3.490	79	930743	37.662	ng	98
4) n-Nitrosodimethylamine	3.402	42	384078	36.706	ng	97
6) Aniline	6.778	93	1083451	38.280	ng	99
8) 2-Chlorophenol	7.013	128	1000402	38.518	ng	100
9) Benzaldehyde	6.596	77	691663	43.719	ng	98
10) Phenol	6.655	94	1194593	38.810	ng	100
11) bis(2-Chloroethyl)ether	6.878	93	872995	36.853	ng	100
12) 1,3-Dichlorobenzene	7.331	146	1091882	37.563	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1109607	37.703	ng	99
14) 1,2-Dichlorobenzene	7.778	146	1079214	38.120	ng	99
15) Benzyl Alcohol	7.672	79	821975	40.654	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1083925	35.190	ng	98
17) 2-Methylphenol	7.872	107	780534	39.366	ng	99
18) Hexachloroethane	8.496	117	373458	38.953	ng	99
19) n-Nitroso-di-n-propyla...	8.231	70	708956	39.462	ng	99
20) 3+4-Methylphenols	8.196	107	1098971	39.571	ng	99
22) Acetophenone	8.237	105	1518151	37.539	ng	99
24) Nitrobenzene	8.607	77	1019579	38.929	ng	96
25) Isophorone	9.131	82	1861460	38.738	ng	100
26) 2-Nitrophenol	9.307	139	520301	41.424	ng	100
27) 2,4-Dimethylphenol	9.384	122	698999	38.996	ng	100
28) bis(2-Chloroethoxy)met...	9.613	93	1215686	37.259	ng	100
29) 2,4-Dichlorophenol	9.837	162	1004596	40.418	ng	99
30) 1,2,4-Trichlorobenzene	10.048	180	1032409	37.508	ng	97
31) Naphthalene	10.231	128	3318378	37.686	ng	100
32) Benzoic acid	9.507	122	781627	44.210	ng	96
33) 4-Chloroaniline	10.337	127	1285378	39.116	ng	98
34) Hexachlorobutadiene	10.531	225	595930	37.728	ng	99
35) Caprolactam	11.113	113	356050	41.874	ng	93
36) 4-Chloro-3-methylphenol	11.478	107	1064876	40.997	ng	99
37) 2-Methylnaphthalene	11.860	142	2377720	38.271	ng	100
38) 1-Methylnaphthalene	12.078	142	2324147	38.357	ng	100
40) 1,2,4,5-Tetrachloroben...	12.242	216	1251730	36.334	ng	99
41) Hexachlorocyclopentadiene	12.231	237	353125	39.242	ng	99
43) 2,4,6-Trichlorophenol	12.484	196	832323	39.900	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	935311	39.563	ng	98
46) 1,1'-Biphenyl	12.901	154	3120601	35.780	ng	100
47) 2-Chloronaphthalene	12.942	162	2383627	36.362	ng	100
48) 2-Nitroaniline	13.137	65	626788	39.550	ng	96
49) Acenaphthylene	13.795	152	3770037	37.576	ng	100
50) Dimethylphthalate	13.548	163	3140942	37.432	ng	100
51) 2,6-Dinitrotoluene	13.660	165	681601	41.650	ng	98
52) Acenaphthene	14.154	154	2405558	37.200	ng	99
53) 3-Nitroaniline	13.989	138	748388	42.672	ng	98
54) 2,4-Dinitrophenol	14.195	184	328114	43.648	ng	94
55) Dibenzofuran	14.495	168	3917179	36.705	ng	99
56) 4-Nitrophenol	14.313	139	684311	42.281	ng	99
57) 2,4-Dinitrotoluene	14.466	165	940872	39.659	ng	94
58) Fluorene	15.166	166	3096926	37.518	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.731	232	883953	41.290	ng	98
60) Diethylphthalate	14.960	149	3247726	38.536	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	1530194	37.458	ng	98
62) 4-Nitroaniline	15.178	138	812324	44.172	ng	99
63) Azobenzene	15.478	77	2745174	36.579	ng	96
65) 4,6-Dinitro-2-methylph...	15.236	198	477622	42.584	ng	99
66) n-Nitrosodiphenylamine	15.389	169	2700839	37.650	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	1006442	39.214	ng	99
68) Hexachlorobenzene	16.201	284	1186052	37.809	ng	98
69) Atrazine	16.378	200	741452	35.272	ng	99
70) Pentachlorophenol	16.548	266	878893	41.485	ng	100
71) Phenanthrene	16.954	178	4988258	37.243	ng	100
72) Anthracene	17.030	178	4878084	37.962	ng	100
73) Carbazole	17.319	167	4835500	38.487	ng	100
74) Di-n-butylphthalate	17.954	149	5766181	41.214	ng	99
75) Fluoranthene	19.054	202	6053488	38.665	ng	99
77) Benzidine	19.248	184	1182831	24.634	ng	99
78) Pyrene	19.430	202	6293664	37.376	ng	100
80) Butylbenzylphthalate	20.413	149	2687876	41.934	ng	99
81) Benzo(a)anthracene	21.313	228	6265390	38.028	ng	100
82) 3,3'-Dichlorobenzidine	21.248	252	2150064	43.350	ng	99
83) Chrysene	21.383	228	5940147	37.465	ng	100
84) Bis(2-ethylhexyl)phtha...	21.307	149	3813315	43.150	ng	98
85) Di-n-octyl phthalate	22.524	149	6408897	40.624	ng	98
87) Indeno(1,2,3-cd)pyrene	28.000	276	7773515m	39.903	ng	
88) Benzo(b)fluoranthene	23.477	252	6734439	37.836	ng	100
89) Benzo(k)fluoranthene	23.542	252	6472087	36.545	ng	99
90) Benzo(a)pyrene	24.307	252	5904613	38.977	ng	100
91) Dibenzo(a,h)anthracene	28.071	278	6414689	39.835	ng	99
92) Benzo(g,h,i)perylene	29.071	276	6549200	39.370	ng	98

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

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