Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
Data File : BP025098.D
Acq On : 11 Jul 2025 10:26
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 11 11:32:27 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 :
SSTDCCC040

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	436580	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1693296	20.000	ng	0.00
39) Acenaphthene-d10	14.095	164	1072864	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	2205219	20.000	ng	0.00
76) Chrysene-d12	21.342	240	2437724	20.000	ng	0.00
86) Perylene-d12	24.465	264	2833277	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	1886292	76.555	ng	0.00
7) Phenol-d6	6.625	99	2356356	73.282	ng	0.00
23) Nitrobenzene-d5	8.572	82	1993110	78.280	ng	0.00
42) 2,4,6-Tribromophenol	15.613	330	1123120	88.615	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	5187210	74.901	ng	0.00
79) Terphenyl-d14	19.672	244	8439020	76.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	340403	35.528	ng	100
3) Pyridine	3.490	79	927845	35.371	ng	100
4) n-Nitrosodimethylamine	3.408	42	390683	35.176	ng	94
6) Aniline	6.778	93	1086769	36.174	ng	99
8) 2-Chlorophenol	7.013	128	1031425	37.413	ng	98
9) Benzaldehyde	6.596	77	613972	36.562	ng	99
10) Phenol	6.655	94	1180989	36.147	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	891974	35.474	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1149103	37.243	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1167655	37.379	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1115013	37.105	ng	99
15) Benzyl Alcohol	7.672	79	789609	36.793	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1096588	33.541	ng	96
17) 2-Methylphenol	7.878	107	783922	37.248	ng	99
18) Hexachloroethane	8.502	117	394117	38.728	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	677129	35.509	ng	98
20) 3+4-Methylphenols	8.196	107	1073472	36.415	ng	99
22) Acetophenone	8.243	105	1462945	36.532	ng	99
24) Nitrobenzene	8.607	77	993249	38.299	ng	96
25) Isophorone	9.131	82	1729337	36.344	ng	99
26) 2-Nitrophenol	9.313	139	530483	42.554	ng	97
27) 2,4-Dimethylphenol	9.378	122	668102	37.641	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1177887	36.458	ng	99
29) 2,4-Dichlorophenol	9.831	162	963481	39.147	ng	100
30) 1,2,4-Trichlorobenzene	10.054	180	1040331	38.170	ng	100
31) Naphthalene	10.237	128	3232170	37.070	ng	99
32) Benzoic acid	9.496	122	751849	43.124	ng	97
33) 4-Chloroaniline	10.349	127	1213122	37.282	ng	99
34) Hexachlorobutadiene	10.537	225	614422	39.283	ng	99
35) Caprolactam	11.107	113	324886	38.586	ng	96
36) 4-Chloro-3-methylphenol	11.472	107	980247	38.113	ng	99
37) 2-Methylnaphthalene	11.860	142	2270036	36.899	ng	100
38) 1-Methylnaphthalene	12.084	142	2198229	36.638	ng	99
40) 1,2,4,5-Tetrachloroben...	12.243	216	1193983	38.723	ng	99
41) Hexachlorocyclopentadiene	12.231	237	336067	41.727	ng	100
43) 2,4,6-Trichlorophenol	12.484	196	769868	41.235	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.554	196	860953	40.689	ng	98
46)	1,1'-Biphenyl	12.901	154	2920645	37.415	ng	100
47)	2-Chloronaphthalene	12.937	162	2211966	37.701	ng	99
48)	2-Nitroaniline	13.143	65	564702	39.793	ng	98
49)	Acenaphthylene	13.801	152	3388079	37.730	ng	100
50)	Dimethylphthalate	13.554	163	2813488	37.463	ng	100
51)	2,6-Dinitrotoluene	13.660	165	605676	41.352	ng	98
52)	Acenaphthene	14.154	154	2131757	36.832	ng	99
53)	3-Nitroaniline	13.990	138	671959	42.808	ng	97
54)	2,4-Dinitrophenol	14.190	184	303417	44.919	ng	96
55)	Dibenzofuran	14.495	168	3485493	36.491	ng	99
56)	4-Nitrophenol	14.307	139	613179	42.330	ng	98
57)	2,4-Dinitrotoluene	14.460	165	831501	39.193	ng	97
58)	Fluorene	15.166	166	2755786	37.301	ng	99
59)	2,3,4,6-Tetrachlorophenol	14.731	232	796811	41.585	ng	97
60)	Diethylphthalate	14.954	149	2889845	38.312	ng	100
61)	4-Chlorophenyl-phenyle...	15.172	204	1354974	37.060	ng	98
62)	4-Nitroaniline	15.178	138	719170	43.694	ng	97
63)	Azobenzene	15.478	77	2458033	36.595	ng	97
65)	4,6-Dinitro-2-methylph...	15.242	198	429362	43.392	ng	100
66)	n-Nitrosodiphenylamine	15.389	169	2384609	37.785	ng	100
67)	4-Bromophenyl-phenylether	16.078	248	889264	39.384	ng	97
68)	Hexachlorobenzene	16.201	284	1063903	38.550	ng	97
69)	Atrazine	16.378	200	684251	37.000	ng	99
70)	Pentachlorophenol	16.554	266	803101	43.089	ng	98
71)	Phenanthrene	16.960	178	4392936	37.281	ng	100
72)	Anthracene	17.042	178	4270702	37.778	ng	100
73)	Carbazole	17.325	167	4274956	38.676	ng	99
74)	Di-n-butylphthalate	17.948	149	5096925	41.410	ng	99
75)	Fluoranthene	19.054	202	5424902	39.386	ng	100
77)	Benzidine	19.260	184	1855652	43.101	ng	97
78)	Pyrene	19.430	202	5614841	37.187	ng	100
80)	Butylbenzylphthalate	20.425	149	2440094	42.410	ng	99
81)	Benzo(a)anthracene	21.324	228	5628566	38.100	ng	99
82)	3,3'-Dichlorobenzidine	21.260	252	2056200	46.236	ng	99
83)	Chrysene	21.395	228	5329580	37.488	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.319	149	3517144	44.386	ng	99
85)	Di-n-octyl phthalate	22.542	149	6084845	42.656	ng	98
87)	Indeno(1,2,3-cd)pyrene	28.006	276	7376073m	40.866	ng	
88)	Benzo(b)fluoranthene	23.501	252	6242031	37.851	ng	99
89)	Benzo(k)fluoranthene	23.560	252	6052790	36.888	ng	99
90)	Benzo(a)pyrene	24.330	252	5508230	39.245	ng	100
91)	Dibenzo(a,h)anthracene	28.101	278	6048761	40.542	ng	99
92)	Benzo(g,h,i)perylene	29.089	276	6218230	40.345	ng	100

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

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