

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071425\
 Data File : BP025112.D
 Acq On : 14 Jul 2025 09:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul
 Chavli

Quant Time: Jul 14 11:13:28 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	524032	20.000	ng	0.00
21) Naphthalene-d8	10.178	136	2160068	20.000	ng	0.00
39) Acenaphthene-d10	14.090	164	1399514	20.000	ng	0.00
64) Phenanthrene-d10	16.895	188	2889384	20.000	ng	-0.01
76) Chrysene-d12	21.336	240	3008060	20.000	ng	0.00
86) Perylene-d12	24.466	264	3415287	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2222525	75.148	ng	0.00
7) Phenol-d6	6.631	99	2908685	75.364	ng	0.00
23) Nitrobenzene-d5	8.566	82	2497727	76.901	ng	0.00
42) 2,4,6-Tribromophenol	15.619	330	1427462	86.340	ng	0.00
45) 2-Fluorobiphenyl	12.690	172	6770908	74.949	ng	0.00
79) Terphenyl-d14	19.672	244	10560209	77.156	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.126	88	399285	34.719	ng	99
3) Pyridine	3.490	79	1135444	36.062	ng	99
4) n-Nitrosodimethylamine	3.408	42	469553	35.222	ng	93
6) Aniline	6.784	93	1324362	36.726	ng	99
8) 2-Chlorophenol	7.014	128	1267875	38.315	ng	98
9) Benzaldehyde	6.596	77	870235	43.174	ng	97
10) Phenol	6.661	94	1455422	37.113	ng	98
11) bis(2-Chloroethyl)ether	6.884	93	1116193	36.983	ng	97
12) 1,3-Dichlorobenzene	7.331	146	1385616	37.414	ng	99
13) 1,4-Dichlorobenzene	7.472	146	1400523	37.352	ng	98
14) 1,2-Dichlorobenzene	7.778	146	1355476	37.579	ng	99
15) Benzyl Alcohol	7.672	79	993182	38.555	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1374401	35.023	ng	98
17) 2-Methylphenol	7.872	107	963472	38.140	ng	99
18) Hexachloroethane	8.490	117	477298	39.075	ng	98
19) n-Nitroso-di-n-propyla...	8.237	70	864828	37.783	ng	98
20) 3+4-Methylphenols	8.196	107	1336332	37.767	ng	99
22) Acetophenone	8.237	105	1860284	36.416	ng	# 98
24) Nitrobenzene	8.608	77	1240353	37.492	ng	96
25) Isophorone	9.131	82	2249198	37.055	ng	98
26) 2-Nitrophenol	9.302	139	656607	41.388	ng	99
27) 2,4-Dimethylphenol	9.378	122	847025	37.409	ng	99
28) bis(2-Chloroethoxy)met...	9.613	93	1516046	36.785	ng	99
29) 2,4-Dichlorophenol	9.831	162	1227143	39.086	ng	99
30) 1,2,4-Trichlorobenzene	10.049	180	1315223	37.828	ng	98
31) Naphthalene	10.231	128	4130366	37.135	ng	99
32) Benzoic acid	9.508	122	890634	40.488	ng	99
33) 4-Chloroaniline	10.337	127	1536533	37.017	ng	99
34) Hexachlorobutadiene	10.525	225	780903	39.139	ng	99
35) Caprolactam	11.107	113	408116	37.997	ng	95
36) 4-Chloro-3-methylphenol	11.472	107	1258381	38.354	ng	99
37) 2-Methylnaphthalene	11.854	142	2898543	36.934	ng	99
38) 1-Methylnaphthalene	12.084	142	2832476	37.007	ng	100
40) 1,2,4,5-Tetrachloroben...	12.231	216	1540920	38.311	ng	99
41) Hexachlorocyclopentadiene	12.225	237	453327	43.149	ng	99
43) 2,4,6-Trichlorophenol	12.490	196	1003299	41.195	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1104515	40.017	ng	97
46) 1,1'-Biphenyl	12.896	154	3723220	36.564	ng	99
47) 2-Chloronaphthalene	12.931	162	2863775	37.418	ng	99
48) 2-Nitroaniline	13.143	65	713419	38.626	ng	95
49) Acenaphthylene	13.807	152	4438469	37.891	ng	100
50) Dimethylphthalate	13.554	163	3718211	37.954	ng	100
51) 2,6-Dinitrotoluene	13.660	165	785961	41.136	ng	95
52) Acenaphthene	14.160	154	2824642	37.413	ng	99
53) 3-Nitroaniline	13.990	138	855700	41.790	ng	99
54) 2,4-Dinitrophenol	14.201	184	390558	44.395	ng	94
55) Dibenzofuran	14.496	168	4651357	37.331	ng	99
56) 4-Nitrophenol	14.307	139	761010	40.273	ng	99
57) 2,4-Dinitrotoluene	14.460	165	1097768	39.635	ng	93
58) Fluorene	15.160	166	3604339	37.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.725	232	1031075	41.251	ng	97
60) Diethylphthalate	14.966	149	3825142	38.875	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	1800049	37.742	ng	98
62) 4-Nitroaniline	15.178	138	911189	42.439	ng	100
63) Azobenzene	15.466	77	3151133	35.964	ng	96
65) 4,6-Dinitro-2-methylph...	15.248	198	559783	43.204	ng	100
66) n-Nitrosodiphenylamine	15.390	169	3111243	37.625	ng	99
67) 4-Bromophenyl-phenylether	16.084	248	1180785	39.913	ng	97
68) Hexachlorobenzene	16.190	284	1377949	38.107	ng	98
69) Atrazine	16.378	200	860979	35.532	ng	100
70) Pentachlorophenol	16.542	266	1023050	41.893	ng	99
71) Phenanthrene	16.942	178	5698852	36.912	ng	100
72) Anthracene	17.048	178	5492692	37.083	ng	100
73) Carbazole	17.319	167	5487413	37.890	ng	99
74) Di-n-butylphthalate	17.954	149	6580718	40.805	ng	100
75) Fluoranthene	19.048	202	6802387	37.693	ng	100
77) Benzidine	19.254	184	1177676	22.167	ng	98
78) Pyrene	19.419	202	7080384	38.003	ng	99
80) Butylbenzylphthalate	20.425	149	2976542	41.967	ng	99
81) Benzo(a)anthracene	21.319	228	6969985	38.235	ng	100
82) 3,3'-Dichlorobenzidine	21.242	252	2404646	43.819	ng	99
83) Chrysene	21.377	228	6606948	37.662	ng	100
84) Bis(2-ethylhexyl)phtha...	21.313	149	4414116	45.143	ng	99
85) Di-n-octyl phthalate	22.530	149	7354208	41.905	ng	98
87) Indeno(1,2,3-cd)pyrene	27.983	276	8593742m	39.498	ng	
88) Benzo(b)fluoranthene	23.477	252	7530861	37.884	ng	99
89) Benzo(k)fluoranthene	23.548	252	7229460	36.551	ng	100
90) Benzo(a)pyrene	24.319	252	6591058	38.957	ng	99
91) Dibenzo(a,h)anthracene	28.059	278	7087730	39.410	ng	99
92) Benzo(g,h,i)perylene	29.077	276	7306844	39.329	ng	99

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

