

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082225\
 Data File : BP025544.D
 Acq On : 22 Aug 2025 10:49
 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: Aug 22 15:31:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	137158	20.000	ng	-0.03
21) Naphthalene-d8	10.548	136	591885	20.000	ng	-0.01
39) Acenaphthene-d10	14.389	164	400784	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	833863	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	897419	20.000	ng	-0.02
86) Perylene-d12	24.989	264	1034534	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	658889	79.778	ng	-0.01
7) Phenol-d6	6.960	99	870194	82.181	ng	0.00
23) Nitrobenzene-d5	8.919	82	936572	80.044	ng	-0.02
42) 2,4,6-Tribromophenol	15.901	330	437400	81.081	ng	-0.01
45) 2-Fluorobiphenyl	13.007	172	2187133	74.582	ng	-0.01
79) Terphenyl-d14	19.919	244	3735539	76.157	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.325	88	126565	39.123	ng	98
3) Pyridine	3.719	79	352441	39.803	ng	95
4) n-Nitrosodimethylamine	3.625	42	156699	42.925	ng	95
6) Aniline	7.113	93	584678	40.982	ng	98
8) 2-Chlorophenol	7.354	128	377480	40.502	ng	98
9) Benzaldehyde	6.931	77	377761	50.920	ng	97
10) Phenol	6.990	94	454392	40.896	ng	99
11) bis(2-Chloroethyl)ether	7.207	93	347308	40.104	ng	100
12) 1,3-Dichlorobenzene	7.672	146	403624	39.275	ng	99
13) 1,4-Dichlorobenzene	7.813	146	408744	38.913	ng	100
14) 1,2-Dichlorobenzene	8.131	146	395076	38.855	ng	99
15) Benzyl Alcohol	8.013	79	350420	41.650	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	476882	41.106	ng	98
17) 2-Methylphenol	8.219	107	314755	40.788	ng	99
18) Hexachloroethane	8.848	117	152108	39.385	ng	97
19) n-Nitroso-di-n-propyla...	8.572	70	282550	40.285	ng	97
20) 3+4-Methylphenols	8.537	107	434634	40.633	ng	99
22) Acetophenone	8.590	105	584402	39.371	ng	# 98
24) Nitrobenzene	8.960	77	423141	40.465	ng	98
25) Isophorone	9.484	82	825151	39.849	ng	98
26) 2-Nitrophenol	9.666	139	217690	40.564	ng	98
27) 2,4-Dimethylphenol	9.731	122	362942	39.326	ng	99
28) bis(2-Chloroethoxy)met...	9.954	93	492540	39.349	ng	98
29) 2,4-Dichlorophenol	10.201	162	362953	39.589	ng	98
30) 1,2,4-Trichlorobenzene	10.413	180	377852	37.597	ng	99
31) Naphthalene	10.595	128	1190906	38.712	ng	99
32) Benzoic acid	9.866	122	287794	42.238	ng	98
33) 4-Chloroaniline	10.701	127	544082	40.039	ng	99
34) Hexachlorobutadiene	10.884	225	236313	37.756	ng	99
35) Caprolactam	11.484	113	146444	43.562	ng	98
36) 4-Chloro-3-methylphenol	11.825	107	430943	40.964	ng	97
37) 2-Methylnaphthalene	12.201	142	772294	38.576	ng	98
38) 1-Methylnaphthalene	12.425	142	814475	38.255	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	438884	37.916	ng	100
41) Hexachlorocyclopentadiene	12.548	237	318513	45.555	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	310241	39.701	ng	99

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 Supervised By :Jagrut
 Padhyay

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44) 2,4,5-Trichlorophenol	12.889	196	344858	40.266	ng	98
46) 1,1'-Biphenyl	13.213	154	1115829	38.335	ng	99
47) 2-Chloronaphthalene	13.254	162	865951	38.216	ng	99
48) 2-Nitroaniline	13.454	65	281688	42.664	ng	99
49) Acenaphthylene	14.107	152	1469952	39.203	ng	99
50) Dimethylphthalate	13.836	163	1166302	39.739	ng	100
51) 2,6-Dinitrotoluene	13.954	165	259388	41.932	ng	96
52) Acenaphthene	14.454	154	835227	37.949	ng	100
53) 3-Nitroaniline	14.289	138	296205	42.560	ng	97
54) 2,4-Dinitrophenol	14.495	184	183023	55.404	ng	99
55) Dibenzofuran	14.795	168	1337680	38.443	ng	100
56) 4-Nitrophenol	14.613	139	249157	43.566	ng	93
57) 2,4-Dinitrotoluene	14.754	165	377588	42.783	ng	99
58) Fluorene	15.454	166	1082057	39.409	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.031	232	305718	40.427	ng	99
60) Diethylphthalate	15.219	149	1218314	40.853	ng	100
61) 4-Chlorophenyl-phenyle...	15.442	204	523765	38.356	ng	96
62) 4-Nitroaniline	15.466	138	305995	42.887	ng	96
63) Azobenzene	15.742	77	1061331	41.564	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	243063	46.762	ng	92
66) n-Nitrosodiphenylamine	15.666	169	983453	38.676	ng	99
67) 4-Bromophenyl-phenylether	16.366	248	349351	38.093	ng	96
68) Hexachlorobenzene	16.477	284	397731	37.412	ng	98
69) Atrazine	16.642	200	380917	40.001	ng	99
70) Pentachlorophenol	16.830	266	281816	41.994	ng	97
71) Phenanthrene	17.230	178	1765274	38.537	ng	99
72) Anthracene	17.325	178	1855981	39.676	ng	99
73) Carbazole	17.607	167	1774697	40.278	ng	99
74) Di-n-butylphthalate	18.195	149	2191310	40.423	ng	100
75) Fluoranthene	19.319	202	2161458	39.558	ng	99
77) Benzidine	19.513	184	1361472	44.453	ng	99
78) Pyrene	19.689	202	2251793	38.605	ng	100
80) Butylbenzylphthalate	20.642	149	1089684	41.220	ng	97
81) Benzo(a)anthracene	21.601	228	2284044	38.592	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	892356	40.001	ng	99
83) Chrysene	21.677	228	2156183	38.902	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1553607	39.923	ng	100
85) Di-n-octyl phthalate	22.836	149	2766119	41.326	ng	98
87) Indeno(1,2,3-cd)pyrene	28.824	276	2900566m	38.231	ng	
88) Benzo(b)fluoranthene	23.936	252	2306180	37.804	ng	99
89) Benzo(k)fluoranthene	24.001	252	2356963	38.610	ng	100
90) Benzo(a)pyrene	24.836	252	2290273	38.568	ng	99
91) Dibenzo(a,h)anthracene	28.895	278	2355175	37.987	ng	98
92) Benzo(g,h,i)perylene	30.000	276	2361222	38.743	ng	98

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 Upadhyay

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

