

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024669.D
 Acq On : 16 May 2025 23:48
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/19/2025
 Supervised By :Jagrut Upadhyay 05/19/2025

Quant Time: May 17 01:23:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	115474	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	498465	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	335025	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	663361	20.000	ng	-0.01
76) Chrysene-d12	21.521	240	775754	20.000	ng	0.00
86) Perylene-d12	24.792	264	918787	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	532696	78.901	ng	0.01
7) Phenol-d6	6.875	99	658247	76.393	ng	0.02
23) Nitrobenzene-d5	8.810	82	737261	74.732	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	437420	77.015	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1959776	76.638	ng	0.00
79) Terphenyl-d14	19.810	244	3427405	75.758	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	120655	38.058	ng	99
3) Pyridine	3.622	79	252943	35.982	ng	96
4) n-Nitrosodimethylamine	3.534	42	112623	36.290	ng	95
6) Aniline	6.999	93	395358	35.538	ng	99
8) 2-Chlorophenol	7.246	128	300639	39.226	ng	96
9) Benzaldehyde	6.816	77	200671	35.976	ng	95
10) Phenol	6.899	94	332447	37.381	ng	98
11) bis(2-Chloroethyl)ether	7.093	93	247153	33.821	ng	98
12) 1,3-Dichlorobenzene	7.546	146	336628	38.176	ng	99
13) 1,4-Dichlorobenzene	7.693	146	343913	38.778	ng	100
14) 1,2-Dichlorobenzene	8.005	146	332521	38.478	ng	99
15) Benzyl Alcohol	7.910	79	252254	38.524	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	300446	34.330	ng	99
17) 2-Methylphenol	8.128	107	247172	38.750	ng	99
18) Hexachloroethane	8.722	117	128517	37.815	ng	98
19) n-Nitroso-di-n-propyla...	8.457	70	213434	35.808	ng	98
20) 3+4-Methylphenols	8.452	107	342259	39.446	ng	95
22) Acetophenone	8.475	105	462792	37.168	ng	# 99
24) Nitrobenzene	8.852	77	327588	37.733	ng	97
25) Isophorone	9.369	82	618369	36.135	ng	99
26) 2-Nitrophenol	9.557	139	179053	42.089	ng	99
27) 2,4-Dimethylphenol	9.634	122	309112	41.212	ng	98
28) bis(2-Chloroethoxy)met...	9.851	93	362937	35.499	ng	98
29) 2,4-Dichlorophenol	10.116	162	292813	40.286	ng	97
30) 1,2,4-Trichlorobenzene	10.293	180	322298	39.349	ng	98
31) Naphthalene	10.481	128	999189	38.682	ng	100
32) Benzoic acid	9.804	122	129288m	28.376	ng	
33) 4-Chloroaniline	10.599	127	418488	40.149	ng	98
34) Hexachlorobutadiene	10.757	225	211022	39.770	ng	97
35) Caprolactam	11.393	113	99684	37.907	ng	93
36) 4-Chloro-3-methylphenol	11.763	107	337513	38.078	ng	95
37) 2-Methylnaphthalene	12.093	142	656947	39.277	ng	99
38) 1-Methylnaphthalene	12.316	142	700424	39.138	ng	100
40) 1,2,4,5-Tetrachloroben...	12.463	216	381119	39.175	ng	99
41) Hexachlorocyclopentadiene	12.440	237	119373	20.236	ng	98
43) 2,4,6-Trichlorophenol	12.722	196	255577	40.559	ng	100

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44) 2,4,5-Trichlorophenol	12.822	196	279703	39.876	ng	96
46) 1,1'-Biphenyl	13.110	154	943062	38.085	ng	99
47) 2-Chloronaphthalene	13.157	162	729191	38.622	ng	99
48) 2-Nitroaniline	13.375	65	217569	38.923	ng	95
49) Acenaphthylene	14.010	152	1220137	38.617	ng	100
50) Dimethylphthalate	13.751	163	952752	37.310	ng	100
51) 2,6-Dinitrotoluene	13.875	165	207277	38.434	ng	99
52) Acenaphthene	14.357	154	695735	38.303	ng	100
53) 3-Nitroaniline	14.210	138	217107	39.426	ng	97
54) 2,4-Dinitrophenol	14.434	184	94058	31.846	ng	99
55) Dibenzofuran	14.692	168	1116576	38.539	ng	99
56) 4-Nitrophenol	14.610	139	136325	31.316	ng	96
57) 2,4-Dinitrotoluene	14.675	165	303001	39.852	ng	99
58) Fluorene	15.357	166	894680	37.871	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	249544	38.351	ng	95
60) Diethylphthalate	15.128	149	960257	37.206	ng	99
61) 4-Chlorophenyl-phenyle...	15.351	204	444136	37.698	ng	99
62) 4-Nitroaniline	15.392	138	207475	39.020	ng	100
63) Azobenzene	15.645	77	802789	36.360	ng	97
65) 4,6-Dinitro-2-methylph...	15.457	198	160151	37.376	ng	96
66) n-Nitrosodiphenylamine	15.575	169	776213	38.095	ng	99
67) 4-Bromophenyl-phenylether	16.263	248	302840	38.743	ng	99
68) Hexachlorobenzene	16.381	284	382758	38.536	ng	97
69) Atrazine	16.551	200	294996	39.506	ng	98
70) Pentachlorophenol	16.751	266	191660	34.375	ng	98
71) Phenanthrene	17.133	178	1396534	37.870	ng	100
72) Anthracene	17.222	178	1446823	38.995	ng	99
73) Carbazole	17.510	167	1341431	39.945	ng	100
74) Di-n-butylphthalate	18.098	149	1692107	39.179	ng	100
75) Fluoranthene	19.216	202	1692142	39.254	ng	100
77) Benzidine	19.422	184	845021	39.995	ng	100
78) Pyrene	19.592	202	1768904	38.056	ng	100
80) Butylbenzylphthalate	20.539	149	842235	40.742	ng	97
81) Benzo(a)anthracene	21.504	228	1875483	38.503	ng	100
82) 3,3'-Dichlorobenzidine	21.421	252	764897	42.278	ng	100
83) Chrysene	21.569	228	1765612	38.237	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1229784	40.474	ng	99
85) Di-n-octyl phthalate	22.686	149	2092243	42.108	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	2625183	39.137	ng	98
88) Benzo(b)fluoranthene	23.757	252	2039481	38.781	ng	99
89) Benzo(k)fluoranthene	23.833	252	2017154	37.223	ng	100
90) Benzo(a)pyrene	24.639	252	1962102	38.847	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	2140411	39.224	ng	99
92) Benzo(g,h,i)perylene	29.680	276	2099202	38.683	ng	99

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

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