

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
 Data File : BP025561.D
 Acq On : 25 Aug 2025 12:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 25 12:43:10 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	7.766	152	176050	20.000	ng	-0.03
21) Naphthalene-d8	10.537	136	715069	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	441846	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	900532	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	945335	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1072626	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	866207	81.710	ng	-0.02
7) Phenol-d6	6.949	99	1111241	81.761	ng	-0.02
23) Nitrobenzene-d5	8.908	82	1142153	80.798	ng	-0.03
42) 2,4,6-Tribromophenol	15.901	330	477313	80.257	ng	-0.01
45) 2-Fluorobiphenyl	12.996	172	2568085	79.434	ng	-0.02
79) Terphenyl-d14	19.919	244	3938138	76.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	164004	39.496	ng	98
3) Pyridine	3.714	79	447513	39.375	ng	96
4) n-Nitrosodimethylamine	3.620	42	202647	43.249	ng	99
6) Aniline	7.096	93	730840	39.910	ng	99
8) 2-Chlorophenol	7.343	128	479663	40.097	ng	99
9) Benzaldehyde	6.914	77	471200	49.484	ng	97
10) Phenol	6.978	94	576274	40.408	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	439926	39.577	ng	98
12) 1,3-Dichlorobenzene	7.661	146	522527	39.613	ng	99
13) 1,4-Dichlorobenzene	7.802	146	531141	39.395	ng	98
14) 1,2-Dichlorobenzene	8.113	146	511007	39.154	ng	99
15) Benzyl Alcohol	8.002	79	419439	38.840	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	604113	40.570	ng	98
17) 2-Methylphenol	8.208	107	390244	39.399	ng	99
18) Hexachloroethane	8.837	117	192610	38.854	ng	98
19) n-Nitroso-di-n-propyla...	8.560	70	341386	37.921	ng	97
20) 3+4-Methylphenols	8.531	107	528509	38.494	ng	96
22) Acetophenone	8.578	105	700808	39.080	ng	# 99
24) Nitrobenzene	8.949	77	511679	40.502	ng	99
25) Isophorone	9.472	82	954970	38.173	ng	99
26) 2-Nitrophenol	9.655	139	265575	40.961	ng	96
27) 2,4-Dimethylphenol	9.713	122	435257	39.037	ng	99
28) bis(2-Chloroethoxy)met...	9.943	93	579558	38.325	ng	99
29) 2,4-Dichlorophenol	10.190	162	438318	39.573	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	461861	38.039	ng	98
31) Naphthalene	10.584	128	1445521	38.894	ng	100
32) Benzoic acid	9.860	122	318836	38.733	ng	98
33) 4-Chloroaniline	10.690	127	637942	38.859	ng	99
34) Hexachlorobutadiene	10.872	225	282057	37.301	ng	99
35) Caprolactam	11.478	113	158398	39.001	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	489418	38.508	ng	98
37) 2-Methylnaphthalene	12.190	142	909060	37.585	ng	100
38) 1-Methylnaphthalene	12.413	142	972421	37.806	ng	99
40) 1,2,4,5-Tetrachloroben...	12.566	216	517533	40.556	ng	99
41) Hexachlorocyclopentadiene	12.543	237	341951	44.362	ng	98
43) 2,4,6-Trichlorophenol	12.807	196	350304	40.662	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	384419	40.714	ng	98
46) 1,1'-Biphenyl	13.213	154	1286448	40.089	ng	100
47) 2-Chloronaphthalene	13.254	162	1012747	40.540	ng	98
48) 2-Nitroaniline	13.454	65	310261	42.624	ng	97
49) Acenaphthylene	14.101	152	1654557	40.026	ng	100
50) Dimethylphthalate	13.837	163	1261530	38.989	ng	100
51) 2,6-Dinitrotoluene	13.954	165	280736	41.166	ng	99
52) Acenaphthene	14.454	154	949333	39.125	ng	100
53) 3-Nitroaniline	14.290	138	321796	41.940	ng	99
54) 2,4-Dinitrophenol	14.495	184	194290	53.348	ng	98
55) Dibenzofuran	14.790	168	1515005	39.493	ng	98
56) 4-Nitrophenol	14.619	139	262827	41.685	ng	97
57) 2,4-Dinitrotoluene	14.748	165	407706	41.902	ng	99
58) Fluorene	15.448	166	1195914	39.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	335646	40.260	ng	99
60) Diethylphthalate	15.225	149	1282145	38.998	ng	98
61) 4-Chlorophenyl-phenyle...	15.442	204	582242	38.676	ng	99
62) 4-Nitroaniline	15.466	138	335838	42.695	ng	96
63) Azobenzene	15.748	77	1144968	40.672	ng	98
65) 4,6-Dinitro-2-methylph...	15.531	198	263920	47.015	ng	93
66) n-Nitrosodiphenylamine	15.666	169	1082642	39.425	ng	99
67) 4-Bromophenyl-phenylether	16.360	248	383257	38.696	ng	95
68) Hexachlorobenzene	16.484	284	437353	38.094	ng	98
69) Atrazine	16.642	200	398927	38.790	ng	98
70) Pentachlorophenol	16.837	266	281026	38.776	ng	98
71) Phenanthrene	17.236	178	1950284	39.424	ng	99
72) Anthracene	17.331	178	2005437	39.697	ng	100
73) Carbazole	17.607	167	1910675	40.154	ng	99
74) Di-n-butylphthalate	18.201	149	2284164	39.016	ng	99
75) Fluoranthene	19.319	202	2298328	38.949	ng	100
77) Benzidine	19.513	184	1385115	42.933	ng	100
78) Pyrene	19.695	202	2407357	39.180	ng	99
80) Butylbenzylphthalate	20.636	149	1084601	38.948	ng	98
81) Benzo(a)anthracene	21.607	228	2424158	38.883	ng	100
82) 3,3'-Dichlorobenzidine	21.536	252	921505	39.214	ng	99
83) Chrysene	21.683	228	2278817	39.030	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1511370	36.870	ng	100
85) Di-n-octyl phthalate	22.836	149	2624413	37.221	ng	98
87) Indeno(1,2,3-cd)pyrene	28.848	276	3113666	39.583	ng	# 88
88) Benzo(b)fluoranthene	23.936	252	2453244	38.787	ng	100
89) Benzo(k)fluoranthene	24.001	252	2502757	39.543	ng	99
90) Benzo(a)pyrene	24.842	252	2445905	39.726	ng	99
91) Dibenzo(a,h)anthracene	28.918	278	2581244	40.154	ng	98
92) Benzo(g,h,i)perylene	30.018	276	2517967	39.848	ng	99

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

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