

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022825\
 Data File : BP024130.D
 Acq On : 28 Feb 2025 11:29
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 28 11:53:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	328764	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1262041	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	741724	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1462069	20.000	ng	0.01
76) Chrysene-d12	21.657	240	1619903	20.000	ng	0.01
86) Perylene-d12	25.057	264	1841850	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1764570	83.749	ng	0.00
7) Phenol-d6	6.946	99	2254845	83.265	ng	0.00
23) Nitrobenzene-d5	8.910	82	1882869	83.233	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	826545	90.976	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	4131945	77.879	ng	0.00
79) Terphenyl-d14	19.928	244	6426339	78.499	ng	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	347701	42.068	ng	98
3) Pyridine	3.711	79	948184	44.124	ng	99
4) n-Nitrosodimethylamine	3.617	42	309730	40.634	ng	94
6) Aniline	7.093	93	1064818	42.936	ng	99
8) 2-Chlorophenol	7.334	128	908469	40.737	ng	97
9) Benzaldehyde	6.911	77	519073	41.984	ng	97
10) Phenol	6.969	94	1122883	41.235	ng	100
11) bis(2-Chloroethyl)ether	7.187	93	853671	39.802	ng	98
12) 1,3-Dichlorobenzene	7.652	146	968163	39.518	ng	99
13) 1,4-Dichlorobenzene	7.799	146	983539	39.697	ng	100
14) 1,2-Dichlorobenzene	8.111	146	926811	38.978	ng	99
15) Benzyl Alcohol	7.999	79	723090	43.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	854402	41.037	ng	98
17) 2-Methylphenol	8.205	107	712490	42.935	ng	99
18) Hexachloroethane	8.834	117	353303	39.595	ng	99
19) n-Nitroso-di-n-propyla...	8.558	70	630348	43.292	ng	100
20) 3+4-Methylphenols	8.528	107	966352	42.806	ng	99
22) Acetophenone	8.575	105	1311003	40.424	ng	100
24) Nitrobenzene	8.952	77	930134	41.779	ng	99
25) Isophorone	9.475	82	1615838	43.679	ng	100
26) 2-Nitrophenol	9.658	139	470992	45.919	ng	97
27) 2,4-Dimethylphenol	9.716	122	577058	42.860	ng	100
28) bis(2-Chloroethoxy)met...	9.952	93	1078443	40.242	ng	100
29) 2,4-Dichlorophenol	10.193	162	786860	42.824	ng	99
30) 1,2,4-Trichlorobenzene	10.405	180	831105	39.478	ng	98
31) Naphthalene	10.587	128	2763255	40.720	ng	100
32) Benzoic acid	9.863	122	613514	44.142	ng	98
33) 4-Chloroaniline	10.699	127	1038954	43.460	ng	99
34) Hexachlorobutadiene	10.875	225	478867	39.272	ng	99
35) Caprolactam	11.487	113	275303	44.892	ng	97
36) 4-Chloro-3-methylphenol	11.834	107	841224	44.535	ng	98
37) 2-Methylnaphthalene	12.204	142	1826951	40.506	ng	99
38) 1-Methylnaphthalene	12.422	142	1786837	40.724	ng	99
40) 1,2,4,5-Tetrachloroben...	12.575	216	883645	38.774	ng	100
41) Hexachlorocyclopentadiene	12.557	237	355704	41.944	ng	99
43) 2,4,6-Trichlorophenol	12.816	196	602866	43.377	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.893	196	650779	42.814	ng	98
46) 1,1'-Biphenyl	13.216	154	2286196	39.666	ng	98
47) 2-Chloronaphthalene	13.257	162	1723672	39.561	ng	99
48) 2-Nitroaniline	13.463	65	492738	47.875	ng	97
49) Acenaphthylene	14.116	152	2702272	42.096	ng	100
50) Dimethylphthalate	13.851	163	2164153	41.364	ng	100
51) 2,6-Dinitrotoluene	13.963	165	469505	44.053	ng	97
52) Acenaphthene	14.463	154	1685896	40.783	ng	99
53) 3-Nitroaniline	14.298	138	542659	47.715	ng	98
54) 2,4-Dinitrophenol	14.510	184	244754	39.225	ng	95
55) Dibenzofuran	14.798	168	2708711	40.336	ng	99
56) 4-Nitrophenol	14.622	139	473531	48.202	ng	98
57) 2,4-Dinitrotoluene	14.763	165	655565	47.351	ng	99
58) Fluorene	15.457	166	2197217	41.895	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.034	232	591629	44.863	ng	97
60) Diethylphthalate	15.228	149	2212467	42.599	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1042206	40.373	ng	97
62) 4-Nitroaniline	15.481	138	589773	44.091	ng	95
63) Azobenzene	15.751	77	2089909	42.941	ng	97
65) 4,6-Dinitro-2-methylph...	15.545	198	345829	38.222	ng	95
66) n-Nitrosodiphenylamine	15.675	169	1819275	39.901	ng	99
67) 4-Bromophenyl-phenylether	16.369	248	657295	40.034	ng	99
68) Hexachlorobenzene	16.487	284	765449	39.622	ng	96
69) Atrazine	16.651	200	508001	43.416	ng	98
70) Pentachlorophenol	16.839	266	552325	44.019	ng	99
71) Phenanthrene	17.239	178	3254413	39.481	ng	100
72) Anthracene	17.334	178	3243950	41.067	ng	99
73) Carbazole	17.616	167	3206943	42.610	ng	100
74) Di-n-butylphthalate	18.210	149	3891574	44.314	ng	99
75) Fluoranthene	19.328	202	4000222	42.905	ng	99
77) Benzidine	19.528	184	1742326	88.266	ng	100
78) Pyrene	19.704	202	4140195	40.237	ng	99
80) Butylbenzylphthalate	20.651	149	1887287	47.866	ng	95
81) Benzo(a)anthracene	21.633	228	4162302	40.977	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	1621110	51.073	ng	98
83) Chrysene	21.704	228	3991565	40.752	ng	99
84) Bis(2-ethylhexyl)phtha...	21.575	149	2763793	46.224	ng	99
85) Di-n-octyl phthalate	22.874	149	4884399	51.107	ng	98
87) Indeno(1,2,3-cd)pyrene	28.915	276	5242053	40.006	ng	# 93
88) Benzo(b)fluoranthene	23.968	252	4499359	38.468	ng	100
89) Benzo(k)fluoranthene	24.039	252	4410525	38.741	ng	99
90) Benzo(a)pyrene	24.886	252	3999986	40.297	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	4388268	39.830	ng	99
92) Benzo(g,h,i)perylene	30.103	276	4406068	39.411	ng	100

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

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