

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070325\
 Data File : BP025074.D
 Acq On : 03 Jul 2025 11:44
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Jul 03 15:52:25 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 15:38:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	357536	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1460146	20.000	ng	0.00
39) Acenaphthene-d10	14.089	164	975973	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1992018	20.000	ng	0.00
76) Chrysene-d12	21.348	240	2159758	20.000	ng	0.00
86) Perylene-d12	24.483	264	2243019	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	842975	41.776	ng	0.00
7) Phenol-d6	6.625	99	1087166	41.286	ng	0.00
23) Nitrobenzene-d5	8.566	82	918035	41.814	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	468488	40.634	ng	-0.01
45) 2-Fluorobiphenyl	12.690	172	2657285	42.179	ng	0.00
79) Terphenyl-d14	19.672	244	4224886	42.993	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.125	88	163489	20.836	ng 98
3) Pyridine	3.490	79	444402	20.702	ng 98
4) n-Nitrosodimethylamine	3.408	42	189864	20.874	ng # 98
6) Aniline	6.784	93	511196	20.777	ng 99
8) 2-Chlorophenol	7.013	128	472043	20.908	ng 98
9) Benzaldehyde	6.596	77	319740	23.250	ng 99
10) Phenol	6.655	94	554695	20.731	ng 99
11) bis(2-Chloroethyl)ether	6.884	93	429103	20.838	ng 99
12) 1,3-Dichlorobenzene	7.331	146	531035	21.016	ng 99
13) 1,4-Dichlorobenzene	7.484	146	538001	21.030	ng 98
14) 1,2-Dichlorobenzene	7.784	146	516666	20.995	ng 100
15) Benzyl Alcohol	7.666	79	354316	20.160	ng 98
16) 2,2'-oxybis(1-Chloropr...	7.966	45	561269	20.963	ng 99
17) 2-Methylphenol	7.878	107	359925	20.883	ng 99
18) Hexachloroethane	8.502	117	171635	20.594	ng 96
19) n-Nitroso-di-n-propyla...	8.237	70	335331	21.473	ng 97
20) 3+4-Methylphenols	8.202	107	494507	20.484	ng 99
22) Acetophenone	8.243	105	733244	21.234	ng 99
24) Nitrobenzene	8.613	77	465912	20.834	ng 98
25) Isophorone	9.131	82	857174	20.891	ng 100
26) 2-Nitrophenol	9.313	139	171063	17.980	ng 97
27) 2,4-Dimethylphenol	9.384	122	318872	20.834	ng 99
28) bis(2-Chloroethoxy)met...	9.619	93	585299	21.009	ng 99
29) 2,4-Dichlorophenol	9.837	162	435473	20.519	ng 99
30) 1,2,4-Trichlorobenzene	10.060	180	483959	20.592	ng 99
31) Naphthalene	10.237	128	1578374	20.993	ng 99
32) Benzoic acid	9.472	122	222091	18.881	ng 99
33) 4-Chloroaniline	10.348	127	583020	20.779	ng 98
34) Hexachlorobutadiene	10.537	225	275058	20.394	ng 99
35) Caprolactam	11.096	113	148067	20.394	ng 99
36) 4-Chloro-3-methylphenol	11.478	107	468989	21.146	ng 100
37) 2-Methylnaphthalene	11.866	142	1118020	21.075	ng 99
38) 1-Methylnaphthalene	12.090	142	1099060	21.243	ng 99
40) 1,2,4,5-Tetrachloroben...	12.243	216	570143	20.326	ng 100
41) Hexachlorocyclopentadiene	12.237	237	131777	17.986	ng 97
43) 2,4,6-Trichlorophenol	12.490	196	346793	20.418	ng 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	395864	20.566	ng	99
46) 1,1'-Biphenyl	12.907	154	1473578	20.751	ng	99
47) 2-Chloronaphthalene	12.942	162	1113594	20.865	ng	99
48) 2-Nitroaniline	13.137	65	228962	19.268	ng	97
49) Acenaphthylene	13.795	152	1728416	21.159	ng	99
50) Dimethylphthalate	13.554	163	1434045	20.991	ng	100
51) 2,6-Dinitrotoluene	13.660	165	274371	20.592	ng	97
52) Acenaphthene	14.154	154	1114579m	21.170	ng	
53) 3-Nitroaniline	13.989	138	290162	20.320	ng	95
54) 2,4-Dinitrophenol	14.189	184	95858	19.115	ng	97
55) Dibenzofuran	14.501	168	1821290	20.961	ng	99
56) 4-Nitrophenol	14.307	139	253402	19.230	ng	97
57) 2,4-Dinitrotoluene	14.460	165	354786	19.783	ng	95
58) Fluorene	15.166	166	1431605	21.301	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.742	232	361259	20.726	ng	100
60) Diethylphthalate	14.960	149	1433207	20.887	ng	99
61) 4-Chlorophenyl-phenyle...	15.172	204	692727	20.828	ng	99
62) 4-Nitroaniline	15.172	138	313433	20.933	ng	99
63) Azobenzene	15.472	77	1295934	21.209	ng	100
65) 4,6-Dinitro-2-methylph...	15.242	198	138316	19.064	ng	99
66) n-Nitrosodiphenylamine	15.395	169	1189868	20.872	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	425191	20.847	ng	95
68) Hexachlorobenzene	16.201	284	507935	20.375	ng	97
69) Atrazine	16.378	200	363960	21.787	ng	99
70) Pentachlorophenol	16.548	266	324553	19.277	ng	99
71) Phenanthrene	16.948	178	2198840	20.658	ng	100
72) Anthracene	17.042	178	2176257	21.311	ng	100
73) Carbazole	17.319	167	2105955	21.092	ng	99
74) Di-n-butylphthalate	17.960	149	2284685	20.548	ng	100
75) Fluoranthene	19.060	202	2649288	21.293	ng	100
77) Benzidine	19.260	184	764455	20.041	ng	100
78) Pyrene	19.436	202	2780845	20.788	ng	100
80) Butylbenzylphthalate	20.430	149	815246	18.287	ng	99
81) Benzo(a)anthracene	21.330	228	2791625	21.329	ng	99
82) 3,3'-Dichlorobenzidine	21.260	252	734695	18.647	ng	100
83) Chrysene	21.395	228	2642166	20.977	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1396109	19.886	ng	99
85) Di-n-octyl phthalate	22.548	149	1892919	18.935	ng	98
87) Indeno(1,2,3-cd)pyrene	28.018	276	2955341	20.677	ng	97
88) Benzo(b)fluoranthene	23.495	252	2724905	20.872	ng	100
89) Benzo(k)fluoranthene	23.560	252	2800667	21.560	ng	99
90) Benzo(a)pyrene	24.330	252	2321462	20.892	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	2461745	20.842	ng	99
92) Benzo(g,h,i)perylene	29.095	276	2525145	20.695	ng	99

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

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