

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
 Data File : BP024163.D
 Acq On : 12 Mar 2025 18:19
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Quant Time: Mar 13 04:07:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 13 04:01:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	353514	20.000	ng	0.00
21) Naphthalene-d8	10.545	136	1479701	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	895871	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1698224	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1778727	20.000	ng	0.00
86) Perylene-d12	25.062	264	1914395	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	924270	40.796	ng	0.00
7) Phenol-d6	6.952	99	1235081	42.415	ng	0.00
23) Nitrobenzene-d5	8.916	82	1081750	40.785	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	459354	41.861	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	2543735	39.695	ng	0.00
79) Terphenyl-d14	19.927	244	3676388	40.898	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	183072	20.599	ng	99
3) Pyridine	3.716	79	496891	21.504	ng	99
4) n-Nitrosodimethylamine	3.622	42	168162	20.517	ng	96
6) Aniline	7.104	93	585428	21.953	ng	99
8) 2-Chlorophenol	7.340	128	499424	20.827	ng	99
9) Benzaldehyde	6.922	77	328740	24.728	ng	99
10) Phenol	6.975	94	619974	21.173	ng	100
11) bis(2-Chloroethyl)ether	7.199	93	497357	21.565	ng	100
12) 1,3-Dichlorobenzene	7.663	146	537900	20.418	ng	99
13) 1,4-Dichlorobenzene	7.804	146	552358	20.733	ng	99
14) 1,2-Dichlorobenzene	8.122	146	528080	20.654	ng	99
15) Benzyl Alcohol	8.004	79	387410	21.735	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	506774	22.636	ng	97
17) 2-Methylphenol	8.210	107	395947	22.190	ng	99
18) Hexachloroethane	8.846	117	193543	20.172	ng	98
19) n-Nitroso-di-n-propyla...	8.569	70	370486	23.663	ng	100
20) 3+4-Methylphenols	8.534	107	541047	22.289	ng	98
22) Acetophenone	8.587	105	786239	20.677	ng	# 100
24) Nitrobenzene	8.963	77	535855	20.529	ng	99
25) Isophorone	9.487	82	933509	21.523	ng	99
26) 2-Nitrophenol	9.669	139	246943	20.534	ng	99
27) 2,4-Dimethylphenol	9.728	122	325916	20.646	ng	100
28) bis(2-Chloroethoxy)met...	9.957	93	648792	20.649	ng	100
29) 2,4-Dichlorophenol	10.204	162	440705	20.457	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	486293	19.702	ng	99
31) Naphthalene	10.598	128	1625925	20.436	ng	99
32) Benzoic acid	9.845	122	280702	19.396	ng	99
33) 4-Chloroaniline	10.704	127	588052	20.980	ng	99
34) Hexachlorobutadiene	10.887	225	276905	19.369	ng	98
35) Caprolactam	11.487	113	143023	21.924	ng	98
36) 4-Chloro-3-methylphenol	11.839	107	479996	21.674	ng	99
37) 2-Methylnaphthalene	12.210	142	1090957	20.630	ng	98
38) 1-Methylnaphthalene	12.434	142	1077045	20.936	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	533843	19.394	ng	100
41) Hexachlorocyclopentadiene	12.563	237	191514	18.697	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	339357	20.216	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	370561	20.184	ng	98
46) 1,1'-Biphenyl	13.228	154	1402874	20.152	ng	99
47) 2-Chloronaphthalene	13.269	162	1056861	20.083	ng	99
48) 2-Nitroaniline	13.469	65	268455	21.595	ng	98
49) Acenaphthylene	14.122	152	1590772	20.517	ng	100
50) Dimethylphthalate	13.857	163	1306638	20.677	ng	99
51) 2,6-Dinitrotoluene	13.969	165	271891	21.122	ng	97
52) Acenaphthene	14.469	154	1017503	20.379	ng	99
53) 3-Nitroaniline	14.304	138	293921	21.397	ng	97
54) 2,4-Dinitrophenol	14.516	184	130759	19.074	ng	99
55) Dibenzofuran	14.810	168	1643604	20.264	ng	99
56) 4-Nitrophenol	14.628	139	242843	20.466	ng	99
57) 2,4-Dinitrotoluene	14.769	165	358405	21.433	ng	97
58) Fluorene	15.469	166	1291744	20.392	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	326758	20.514	ng	99
60) Diethylphthalate	15.233	149	1287503	20.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	623454	19.996	ng	99
62) 4-Nitroaniline	15.486	138	311347	21.841	ng	99
63) Azobenzene	15.763	77	1226441	20.864	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	188346	19.162	ng	97
66) n-Nitrosodiphenylamine	15.680	169	1068735	20.181	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	377534	19.797	ng	99
68) Hexachlorobenzene	16.498	284	447016	19.921	ng	96
69) Atrazine	16.657	200	265940	19.568	ng	99
70) Pentachlorophenol	16.851	266	282344	19.373	ng	99
71) Phenanthrene	17.251	178	1911548	19.965	ng	99
72) Anthracene	17.345	178	1870471	20.386	ng	100
73) Carbazole	17.622	167	1799842	20.589	ng	100
74) Di-n-butylphthalate	18.210	149	2118089	20.765	ng	100
75) Fluoranthene	19.327	202	2186012	20.186	ng	99
77) Benzidine	19.527	184	317361	14.642	ng	99
78) Pyrene	19.704	202	2310992	20.454	ng	100
80) Butylbenzylphthalate	20.657	149	912738	21.082	ng	99
81) Benzo(a)anthracene	21.639	228	2295776	20.583	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	762665	21.882	ng	100
83) Chrysene	21.704	228	2177924	20.250	ng	99
84) Bis(2-ethylhexyl)phtha...	21.574	149	1395096	21.249	ng	99
85) Di-n-octyl phthalate	22.874	149	2177750	20.752	ng	100
87) Indeno(1,2,3-cd)pyrene	28.939	276	2721144	19.980	ng	# 92
88) Benzo(b)fluoranthene	23.980	252	2407773	19.806	ng	100
89) Benzo(k)fluoranthene	24.051	252	2322149	19.624	ng	99
90) Benzo(a)pyrene	24.892	252	2038106	19.755	ng	99
91) Dibenzo(a,h)anthracene	28.997	278	2267016	19.797	ng	99
92) Benzo(g,h,i)perylene	30.127	276	2294574	19.746	ng	100

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

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