

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051225\
 Data File : BP024611.D
 Acq On : 12 May 2025 21:25
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP051225

Quant Time: May 13 04:01:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 03:56:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	146993	20.00	ng	0.00
21) Naphthalene-d8	10.434	136	621776	20.00	ng	0.00
39) Acenaphthene-d10	14.304	164	396759	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	791774	20.00	ng	0.00
76) Chrysene-d12	21.516	240	887400	20.00	ng	0.00
86) Perylene-d12	24.786	264	1027605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	668027	80.30	ng	0.00
7) Phenol-d6	6.858	99	901083	82.36	ng	0.00
23) Nitrobenzene-d5	8.816	82	871372	80.55	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	540982	83.20	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	2130014	80.30	ng	0.00
79) Terphenyl-d14	19.804	244	3617529	79.81	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	141415	38.31	ng	99
3) Pyridine	3.623	79	354216	41.00	ng	100
4) n-Nitrosodimethylamine	3.534	42	147660	38.87	ng	99
6) Aniline	7.005	93	407683	41.54	ng	100
8) 2-Chlorophenol	7.240	128	385182	40.22	ng	98
9) Benzaldehyde	6.822	77	247852	41.05	ng	99
10) Phenol	6.881	94	445414	40.88	ng	98
11) bis(2-Chloroethyl)ether	7.099	93	350335	39.59	ng	99
12) 1,3-Dichlorobenzene	7.558	146	417933	39.67	ng	98
13) 1,4-Dichlorobenzene	7.699	146	422229	39.35	ng	98
14) 1,2-Dichlorobenzene	8.016	146	403938	38.90	ng	100
15) Benzyl Alcohol	7.911	79	323696	42.92	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	401419	39.56	ng	99
17) 2-Methylphenol	8.116	107	310136	41.39	ng	98
18) Hexachloroethane	8.728	117	158748	39.00	ng	99
19) n-Nitroso-di-n-propyla...	8.463	70	294513	40.36	ng	99
20) 3+4-Methylphenols	8.440	107	427663	41.46	ng	99
22) Acetophenone	8.481	105	597485	40.13	ng	99
24) Nitrobenzene	8.858	77	425299	40.52	ng	97
25) Isophorone	9.375	82	764036	40.30	ng	99
26) 2-Nitrophenol	9.558	139	228422	42.55	ng	99
27) 2,4-Dimethylphenol	9.628	122	266411	41.12	ng	99
28) bis(2-Chloroethoxy)met...	9.852	93	491861	39.93	ng	99
29) 2,4-Dichlorophenol	10.099	162	372017	41.47	ng	98
30) 1,2,4-Trichlorobenzene	10.299	180	391776	39.25	ng	97
31) Naphthalene	10.487	128	1275564	39.33	ng	100
32) Benzoic acid	9.793	122	270474	39.97	ng	99
33) 4-Chloroaniline	10.599	127	459731	42.08	ng	99
34) Hexachlorobutadiene	10.769	225	249555	38.77	ng	98
35) Caprolactam	11.393	113	135047	43.09	ng	97
36) 4-Chloro-3-methylphenol	11.734	107	450276	41.00	ng	99
37) 2-Methylnaphthalene	12.093	142	898587	39.54	ng	100
38) 1-Methylnaphthalene	12.316	142	878462	39.11	ng	100
40) 1,2,4,5-Tetrachloroben...	12.469	216	448675	40.53	ng	100
41) Hexachlorocyclopentadiene	12.446	237	157097	43.27	ng	98
43) 2,4,6-Trichlorophenol	12.716	196	315898	42.44	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.793	196	346387	41.81	ng	99
46) 1,1'-Biphenyl	13.116	154	1148462	40.27	ng	100
47) 2-Chloronaphthalene	13.157	162	878681	40.57	ng	98
48) 2-Nitroaniline	13.369	65	270637	42.65	ng	98
49) Acenaphthylene	14.016	152	1358009	40.13	ng	100
50) Dimethylphthalate	13.751	163	1204403	40.70	ng	100
51) 2,6-Dinitrotoluene	13.875	165	264167	41.83	ng	99
52) Acenaphthene	14.363	154	852820	39.56	ng	99
53) 3-Nitroaniline	14.216	138	263078	43.20	ng	99
54) 2,4-Dinitrophenol	14.422	184	151385	40.39	ng	98
55) Dibenzofuran	14.698	168	1374505	39.15	ng	99
56) 4-Nitrophenol	14.545	139	216294	43.19	ng	97
57) 2,4-Dinitrotoluene	14.675	165	363772	41.81	ng	98
58) Fluorene	15.363	166	1101961	40.41	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.940	232	323370	41.39	ng	98
60) Diethylphthalate	15.134	149	1240335	40.47	ng	99
61) 4-Chlorophenyl-phenyle...	15.357	204	550988	40.05	ng	96
62) 4-Nitroaniline	15.393	138	269899	44.51	ng	98
63) Azobenzene	15.651	77	1061576	40.61	ng	99
65) 4,6-Dinitro-2-methylph...	15.457	198	211163	43.45	ng	96
66) n-Nitrosodiphenylamine	15.581	169	938772	39.65	ng	99
67) 4-Bromophenyl-phenylether	16.269	248	366665	39.19	ng	99
68) Hexachlorobenzene	16.381	284	457916	39.30	ng	98
69) Atrazine	16.557	200	321269	40.24	ng	99
70) Pentachlorophenol	16.739	266	317598	42.40	ng	99
71) Phenanthrene	17.134	178	1676312	39.26	ng	100
72) Anthracene	17.228	178	1637268	39.24	ng	100
73) Carbazole	17.510	167	1597274	40.82	ng	99
74) Di-n-butylphthalate	18.098	149	2136388	40.58	ng	100
75) Fluoranthene	19.210	202	2074284	39.85	ng	100
77) Benzidine	19.416	184	376749	36.36	ng	100
78) Pyrene	19.592	202	2136310	39.78	ng	99
80) Butylbenzylphthalate	20.533	149	987880	41.26	ng	98
81) Benzo(a)anthracene	21.498	228	2155812	39.90	ng	99
82) 3,3'-Dichlorobenzidine	21.416	252	543164	42.05	ng	100
83) Chrysene	21.563	228	2054270	39.24	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	1451831	41.31	ng	99
85) Di-n-octyl phthalate	22.680	149	2461217	42.24	ng	100
87) Indeno(1,2,3-cd)pyrene	28.498	276	2851275	40.60	ng	98
88) Benzo(b)fluoranthene	23.757	252	2400548	40.48	ng	99
89) Benzo(k)fluoranthene	23.827	252	2320735	39.65	ng	100
90) Benzo(a)pyrene	24.645	252	2084010	40.59	ng	99
91) Dibenzo(a,h)anthracene	28.580	278	2366301	41.07	ng	100
92) Benzo(g,h,i)perylene	29.656	276	2414851	40.57	ng	99

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

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