

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050725\
 Data File : BP024558.D
 Acq On : 07 May 2025 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Quant Time: May 07 12:26:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 18 12:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	212497	20.000	ng	-0.02
21) Naphthalene-d8	10.469	136	880474	20.000	ng	#-0.03
39) Acenaphthene-d10	14.334	164	543552	20.000	ng	-0.02
64) Phenanthrene-d10	17.133	188	1025819	20.000	ng	-0.01
76) Chrysene-d12	21.574	240	907323	20.000	ng	#-0.02
86) Perylene-d12	24.892	264	884811	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	996481	77.537	ng	-0.02
7) Phenol-d6	6.893	99	1308116	74.335	ng	-0.02
23) Nitrobenzene-d5	8.852	82	1212231	78.506	ng	-0.02
42) 2,4,6-Tribromophenol	15.857	330	682599	90.767	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	2915655	82.130	ng	-0.02
79) Terphenyl-d14	19.857	244	4033863	89.613	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.281	88	193608	35.616	ng	# 94
3) Pyridine	3.675	79	477611	33.273	ng	93
4) n-Nitrosodimethylamine	3.587	42	206270	43.299	ng	# 76
6) Aniline	7.040	93	552489	35.134	ng	98
8) 2-Chlorophenol	7.281	128	551245	38.418	ng	99
9) Benzaldehyde	6.858	77	348365	40.020	ng	97
10) Phenol	6.922	94	651431	36.902	ng	92
11) bis(2-Chloroethyl)ether	7.134	93	503764	35.419	ng	98
12) 1,3-Dichlorobenzene	7.593	146	588517	38.098	ng	99
13) 1,4-Dichlorobenzene	7.734	146	597099	38.096	ng	99
14) 1,2-Dichlorobenzene	8.052	146	574913	37.987	ng	98
15) Benzyl Alcohol	7.946	79	462647	40.653	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.216	45	555953	36.162	ng	99
17) 2-Methylphenol	8.152	107	439616	38.496	ng	97
18) Hexachloroethane	8.769	117	224374	39.613	ng	98
19) n-Nitroso-di-n-propyla...	8.505	70	408326	37.506	ng	95
20) 3+4-Methylphenols	8.475	107	612730	38.669	ng	98
22) Acetophenone	8.516	105	845097	38.780	ng	# 97
24) Nitrobenzene	8.893	77	589037	38.562	ng	99
25) Isophorone	9.416	82	1074123	38.431	ng	97
26) 2-Nitrophenol	9.593	139	325929	43.601	ng	94
27) 2,4-Dimethylphenol	9.663	122	373359	39.777	ng	99
28) bis(2-Chloroethoxy)met...	9.887	93	685348	36.298	ng	99
29) 2,4-Dichlorophenol	10.134	162	525754	41.081	ng	100
30) 1,2,4-Trichlorobenzene	10.340	180	549684	40.087	ng	98
31) Naphthalene	10.522	128	1789050	38.574	ng	100
32) Benzoic acid	9.840	122	408256	37.328	ng	99
33) 4-Chloroaniline	10.640	127	630538	38.605	ng	99
34) Hexachlorobutadiene	10.804	225	349038	43.318	ng	98
35) Caprolactam	11.434	113	175740	37.215	ng	95
36) 4-Chloro-3-methylphenol	11.775	107	614810	41.244	ng	98
37) 2-Methylnaphthalene	12.134	142	1247363	38.780	ng	97
38) 1-Methylnaphthalene	12.357	142	1208134	38.394	ng	98
40) 1,2,4,5-Tetrachloroben...	12.504	216	632356	42.304	ng	99
41) Hexachlorocyclopentadiene	12.481	237	217481	41.138	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	425615	42.827	ng	99

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44) 2,4,5-Trichlorophenol	12.845	196	459028	41.710	ng	98
46) 1,1'-Biphenyl	13.157	154	1585069	39.672	ng	98
47) 2-Chloronaphthalene	13.198	162	1174058	39.317	ng	98
48) 2-Nitroaniline	13.410	65	343699	41.033	ng	94
49) Acenaphthylene	14.051	152	1824004	38.797	ng	99
50) Dimethylphthalate	13.787	163	1534513	38.821	ng	99
51) 2,6-Dinitrotoluene	13.916	165	336243	40.059	ng	96
52) Acenaphthene	14.398	154	1140518	38.265	ng	99
53) 3-Nitroaniline	14.251	138	330060	37.414	ng	99
54) 2,4-Dinitrophenol	14.469	184	190627	38.555	ng	95
55) Dibenzofuran	14.739	168	1848148	37.935	ng	96
56) 4-Nitrophenol	14.604	139	254697	33.429	ng	91
57) 2,4-Dinitrotoluene	14.716	165	460860	40.250	ng	98
58) Fluorene	15.398	166	1451582	38.488	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	406546	40.053	ng	98
60) Diethylphthalate	15.175	149	1589874	39.030	ng	99
61) 4-Chlorophenyl-phenyle...	15.398	204	731849	39.960	ng	98
62) 4-Nitroaniline	15.434	138	338145	36.208	ng	85
63) Azobenzene	15.698	77	1376020	36.753	ng	96
65) 4,6-Dinitro-2-methylph...	15.492	198	265277	41.018	ng	97
66) n-Nitrosodiphenylamine	15.616	169	1227248	40.082	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	487541	43.456	ng	99
68) Hexachlorobenzene	16.428	284	590949	44.327	ng	97
69) Atrazine	16.592	200	285042	36.552	ng	98
70) Pentachlorophenol	16.786	266	388182	41.738	ng	99
71) Phenanthrene	17.175	178	2120420	37.891	ng	99
72) Anthracene	17.275	178	2107623	39.077	ng	99
73) Carbazole	17.557	167	1916868	36.374	ng	99
74) Di-n-butylphthalate	18.139	149	2604486	39.669	ng	100
75) Fluoranthene	19.263	202	2401730	36.086	ng	97
77) Benzidine	19.469	184	360302	31.328	ng	98
78) Pyrene	19.633	202	2444395	42.392	ng	99
80) Butylbenzylphthalate	20.586	149	1018145	41.224	ng	98
81) Benzo(a)anthracene	21.551	228	2153349	38.183	ng	99
82) 3,3'-Dichlorobenzidine	21.480	252	715898	36.167	ng	99
83) Chrysene	21.621	228	2043866	37.829	ng	100
84) Bis(2-ethylhexyl)phtha...	21.480	149	1356273	37.460	ng	99
85) Di-n-octyl phthalate	22.751	149	2107005	35.797	ng	100
87) Indeno(1,2,3-cd)pyrene	28.674	276	2340231m	38.097	ng	
88) Benzo(b)fluoranthene	23.845	252	2100384m	39.603	ng	
89) Benzo(k)fluoranthene	23.915	252	2006713	39.171	ng	98
90) Benzo(a)pyrene	24.745	252	1777452	38.852	ng	# 97
91) Dibenzo(a,h)anthracene	28.739	278	1948616	38.218	ng	98
92) Benzo(g,h,i)perylene	29.827	276	1968741	37.936	ng	# 95

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

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