

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024816.D
 Acq On : 28 May 2025 15:29
 Operator : RC/JU
 Sample : Q2128-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP03-MHMMS

Quant Time: May 28 15:52:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	103551	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	404168	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	249260	20.000	ng	0.00
64) Phenanthrene-d10	17.063	188	530357	20.000	ng	0.00
76) Chrysene-d12	21.492	240	785422	20.000	ng	0.00
86) Perylene-d12	24.751	264	999070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	613090	101.265	ng	0.00
7) Phenol-d6	6.846	99	775695	100.388	ng	0.00
23) Nitrobenzene-d5	8.793	82	426296	53.293	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	513877	121.608	ng	0.00
45) 2-Fluorobiphenyl	12.887	172	958183	50.363	ng	0.00
79) Terphenyl-d14	19.786	244	2339566	51.076	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.217	88	100787	35.452	ng	98
3) Pyridine	3.611	79	232894	36.945	ng	96
4) n-Nitrosodimethylamine	3.523	42	110041	39.541	ng	99
6) Aniline	6.987	93	180934	18.137	ng	99
8) 2-Chlorophenol	7.228	128	304922	44.366	ng	97
9) Benzaldehyde	6.805	77	154177	30.823	ng	95
10) Phenol	6.875	94	344015	43.136	ng	98
11) bis(2-Chloroethyl)ether	7.081	93	245760	37.502	ng	97
12) 1,3-Dichlorobenzene	7.534	146	329121	41.622	ng	98
13) 1,4-Dichlorobenzene	7.681	146	332452	41.802	ng	99
14) 1,2-Dichlorobenzene	7.993	146	318626	41.115	ng	99
15) Benzyl Alcohol	7.893	79	245450	41.801	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.169	45	288128	36.714	ng	99
17) 2-Methylphenol	8.105	107	240618	42.066	ng	97
18) Hexachloroethane	8.710	117	120406	39.508	ng	96
19) n-Nitroso-di-n-propyla...	8.446	70	187358	35.053	ng	96
20) 3+4-Methylphenols	8.428	107	323115	41.527	ng	99
22) Acetophenone	8.463	105	418512	41.454	ng	# 99
24) Nitrobenzene	8.840	77	283897	40.330	ng	93
25) Isophorone	9.358	82	529399	38.153	ng	99
26) 2-Nitrophenol	9.540	139	162675	47.160	ng	100
27) 2,4-Dimethylphenol	9.616	122	274654	45.161	ng	99
28) bis(2-Chloroethoxy)met...	9.834	93	324831	39.185	ng	99
29) 2,4-Dichlorophenol	10.093	162	276655	46.943	ng	96
30) 1,2,4-Trichlorobenzene	10.281	180	300000	45.172	ng	98
31) Naphthalene	10.463	128	915833	43.727	ng	100
32) Benzoic acid	9.787	122	185943	44.554	ng	93
33) 4-Chloroaniline	10.599	127	91975	10.883	ng	98
34) Hexachlorobutadiene	10.746	225	194382	45.181	ng	97
35) Caprolactam	11.381	113	91565	42.943	ng	95
36) 4-Chloro-3-methylphenol	11.734	107	306022	42.580	ng	97
37) 2-Methylnaphthalene	12.075	142	579312	42.717	ng	99
38) 1-Methylnaphthalene	12.299	142	605196	41.707	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	338722	46.796	ng	99
41) Hexachlorocyclopentadiene	12.428	237	424946	96.820	ng	97
43) 2,4,6-Trichlorophenol	12.704	196	225221	48.039	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.799	196	250928	48.083	ng	97
46) 1,1'-Biphenyl	13.099	154	825894	44.829	ng	99
47) 2-Chloronaphthalene	13.146	162	630145	44.859	ng	100
48) 2-Nitroaniline	13.357	65	176403	42.417	ng	97
49) Acenaphthylene	13.993	152	1027713	43.719	ng	99
50) Dimethylphthalate	13.734	163	799247	42.068	ng	99
51) 2,6-Dinitrotoluene	13.857	165	174996	43.614	ng	98
52) Acenaphthene	14.340	154	589451	43.617	ng	99
53) 3-Nitroaniline	14.198	138	93471	22.815	ng	98
54) 2,4-Dinitrophenol	14.416	184	232593	90.973	ng	96
55) Dibenzofuran	14.681	168	956708	44.383	ng	99
56) 4-Nitrophenol	14.557	139	306991	86.204	ng	97
57) 2,4-Dinitrotoluene	14.663	165	268088	47.392	ng	96
58) Fluorene	15.340	166	799650	45.496	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.916	232	234874	48.517	ng	96
60) Diethylphthalate	15.110	149	849787	44.255	ng	99
61) 4-Chlorophenyl-phenyle...	15.334	204	390014	44.494	ng	97
62) 4-Nitroaniline	15.375	138	189774m	47.972	ng	
63) Azobenzene	15.628	77	754374	45.923	ng	96
65) 4,6-Dinitro-2-methylph...	15.440	198	158206	46.181	ng	95
66) n-Nitrosodiphenylamine	15.551	169	696660	42.765	ng	98
67) 4-Bromophenyl-phenylether	16.240	248	281251	45.004	ng	98
68) Hexachlorobenzene	16.363	284	368718	46.432	ng	94
69) Atrazine	16.528	200	279770	46.863	ng	98
70) Pentachlorophenol	16.722	266	513356	115.162	ng	98
71) Phenanthrene	17.110	178	1434548	48.656	ng	100
72) Anthracene	17.204	178	1402829	47.291	ng	100
73) Carbazole	17.492	167	1320666	49.190	ng	99
74) Di-n-butylphthalate	18.075	149	1636662	47.399	ng	99
75) Fluoranthene	19.192	202	2157799	62.610	ng	99
77) Benzidine	19.398	184	1021006	47.729	ng	100
78) Pyrene	19.569	202	2240516	47.609	ng	99
80) Butylbenzylphthalate	20.516	149	917667	43.845	ng	94
81) Benzo(a)anthracene	21.469	228	2452935	49.737	ng	100
82) 3,3'-Dichlorobenzidine	21.398	252	456961	24.946	ng	100
83) Chrysene	21.539	228	2270488	48.565	ng	99
84) Bis(2-ethylhexyl)phtha...	21.404	149	1381381	44.904	ng	99
85) Di-n-octyl phthalate	22.645	149	2502562	49.746	ng	99
87) Indeno(1,2,3-cd)pyrene	28.480	276	3660351	50.185	ng	# 87
88) Benzo(b)fluoranthene	23.721	252	2912787	50.936	ng	99
89) Benzo(k)fluoranthene	23.792	252	2672982	45.362	ng	100
90) Benzo(a)pyrene	24.610	252	2778946	50.599	ng	99
91) Dibenzo(a,h)anthracene	28.539	278	2843872	47.927	ng	99
92) Benzo(g,h,i)perylene	29.615	276	2964493	50.239	ng	98

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

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