

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064154.D
 Acq On : 2 Apr 2025 15:44
 Operator : RC/JU
 Sample : Q1674-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5358MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 04/03/2025
 Supervised By :Jagrut Upadhyay 04/03/2025

Quant Time: Apr 02 16:38:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	38629	20.000	ng	0.00
21) Naphthalene-d8	10.647	136	174097	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	116507	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	254861	20.000	ng	0.00
76) Chrysene-d12	21.457	240	251131	20.000	ng	0.00
86) Perylene-d12	24.466	264	271943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	230242	93.067	ng	0.00
7) Phenol-d6	7.027	99	300510	89.291	ng	0.00
23) Nitrobenzene-d5	9.013	82	202775	64.365	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	140094	108.176	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	483665	63.013	ng	0.00
79) Terphenyl-d14	19.842	244	782004	62.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.373	88	41694	37.187	ng	97
3) Pyridine	3.760	79	117412	43.060	ng	94
4) n-Nitrosodimethylamine	3.672	42	87628	44.979	ng	98
6) Aniline	7.192	93	118792	35.971	ng	95
8) 2-Chlorophenol	7.427	128	145347	54.703	ng	94
9) Benzaldehyde	6.998	77	96825	49.467	ng	93
10) Phenol	7.057	94	187597	54.443	ng	96
11) bis(2-Chloroethyl)ether	7.286	93	130213	48.202	ng	99
12) 1,3-Dichlorobenzene	7.750	146	150567	51.604	ng	99
13) 1,4-Dichlorobenzene	7.897	146	152756	51.077	ng	99
14) 1,2-Dichlorobenzene	8.208	146	149243	51.751	ng	99
15) Benzyl Alcohol	8.097	79	146491	56.328	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.390	45	299468m	49.301	ng	
17) 2-Methylphenol	8.302	107	127735	55.855	ng	97
18) Hexachloroethane	8.943	117	60461	57.782	ng	92
19) n-Nitroso-di-n-propyla...	8.661	70	117658	49.815	ng	99
20) 3+4-Methylphenols	8.625	107	173827	55.212	ng	94
22) Acetophenone	8.678	105	232360	48.678	ng	# 97
24) Nitrobenzene	9.054	77	175815	54.001	ng	95
25) Isophorone	9.577	82	318364	50.488	ng	# 94
26) 2-Nitrophenol	9.759	139	73931	61.669	ng	# 93
27) 2,4-Dimethylphenol	9.830	122	142971	75.633	ng	99
28) bis(2-Chloroethoxy)met...	10.059	93	186935	48.898	ng	97
29) 2,4-Dichlorophenol	10.294	162	133670	56.000	ng	96
30) 1,2,4-Trichlorobenzene	10.511	180	149536	51.895	ng	95
31) Naphthalene	10.699	128	461601	49.170	ng	99
32) Benzoic acid	9.977	122	108416m	59.839	ng	
33) 4-Chloroaniline	10.799	127	60217	17.550	ng	98
34) Hexachlorobutadiene	10.987	225	102578	54.311	ng	93
35) Caprolactam	11.575	113	46433m	50.762	ng	
36) 4-Chloro-3-methylphenol	11.927	107	169593	54.203	ng	97
37) 2-Methylnaphthalene	12.309	142	304090	45.884	ng	98
38) 1-Methylnaphthalene	12.527	142	318849	49.107	ng	100
40) 1,2,4,5-Tetrachloroben...	12.674	216	174657	52.510	ng	95
41) Hexachlorocyclopentadiene	12.662	237	216215	230.959	ng	94
43) 2,4,6-Trichlorophenol	12.914	196	121055	61.752	ng	94

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44) 2,4,5-Trichlorophenol	12.985	196	133357	61.223	ng	95
46) 1,1'-Biphenyl	13.320	154	461240	52.400	ng	99
47) 2-Chloronaphthalene	13.361	162	340021	52.965	ng	100
48) 2-Nitroaniline	13.555	65	127220	57.413	ng	94
49) Acenaphthylene	14.207	152	562447	55.391	ng	99
50) Dimethylphthalate	13.943	163	427356	49.691	ng	99
51) 2,6-Dinitrotoluene	14.054	165	93144	53.008	ng	96
52) Acenaphthene	14.548	154	342367	50.240	ng	96
53) 3-Nitroaniline	14.383	138	54400	32.728	ng	96
54) 2,4-Dinitrophenol	14.589	184	105587	138.728	ng	# 79
55) Dibenzofuran	14.883	168	536722	48.618	ng	97
56) 4-Nitrophenol	14.695	139	166432	119.389	ng	92
57) 2,4-Dinitrotoluene	14.842	165	137380	56.376	ng	# 99
58) Fluorene	15.529	166	431065	50.134	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.106	232	126707	59.668	ng	# 96
60) Diethylphthalate	15.312	149	455364	48.773	ng	99
61) 4-Chlorophenyl-phenyle...	15.529	204	210591	49.287	ng	91
62) 4-Nitroaniline	15.553	138	96290	53.657	ng	96
63) Azobenzene	15.817	77	493984	49.583	ng	97
65) 4,6-Dinitro-2-methylph...	15.605	198	76291	65.664	ng	94
66) n-Nitrosodiphenylamine	15.741	169	382963	53.085	ng	97
67) 4-Bromophenyl-phenylether	16.416	248	141903	54.364	ng	95
68) Hexachlorobenzene	16.534	284	155398	53.177	ng	97
69) Atrazine	16.692	200	150970	71.124	ng	97
70) Pentachlorophenol	16.875	266	209537	115.484	ng	96
71) Phenanthrene	17.268	178	718276	52.839	ng	99
72) Anthracene	17.356	178	720140	53.276	ng	99
73) Carbazole	17.627	167	652542	51.706	ng	99
74) Di-n-butylphthalate	18.197	149	777903	52.365	ng	100
75) Fluoranthene	19.278	202	872384	53.232	ng	97
77) Benzidine	19.454	184	264634	76.100	ng	100
78) Pyrene	19.636	202	866360	53.517	ng	99
80) Butylbenzylphthalate	20.535	149	354238	57.533	ng	98
81) Benzo(a)anthracene	21.434	228	868899	54.014	ng	98
82) 3,3'-Dichlorobenzidine	21.358	252	139361	26.768	ng	98
83) Chrysene	21.499	228	822163	51.243	ng	98
84) Bis(2-ethylhexyl)phtha...	21.369	149	521959	59.995	ng	99
85) Di-n-octyl phthalate	22.509	149	890964	59.373	ng	97
87) Indeno(1,2,3-cd)pyrene	27.862	276	1037291	57.009	ng	98
88) Benzo(b)fluoranthene	23.520	252	864000	52.555	ng	99
89) Benzo(k)fluoranthene	23.578	252	847991	51.416	ng	99
90) Benzo(a)pyrene	24.331	252	825027	56.349	ng	98
91) Dibenzo(a,h)anthracene	27.926	278	839983	55.685	ng	98
92) Benzo(g,h,i)perylene	28.919	276	817142	52.762	ng	97

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

