

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064184.D
 Acq On : 4 Apr 2025 2:44
 Operator : RC/JU
 Sample : Q1680-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 03:30:15 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	7.861	152	27837	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	134439	20.000	ng	-0.01
39) Acenaphthene-d10	14.483	164	105244	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	238002	20.000	ng	0.00
76) Chrysene-d12	21.457	240	235382	20.000	ng	0.00
86) Perylene-d12	24.465	264	251979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	260698	146.232	ng	0.00
7) Phenol-d6	7.027	99	333808	137.638	ng	0.00
23) Nitrobenzene-d5	9.013	82	269355	110.720	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	216853	185.366	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	684083	98.662	ng	0.00
79) Terphenyl-d14	19.841	244	1214566	104.335	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.372	88	24690	30.559	ng	# 77
3) Pyridine	3.760	79	65631	33.401	ng	95
4) n-Nitrosodimethylamine	3.672	42	61536	43.832	ng	98
6) Aniline	7.185	93	109046	45.821	ng	95
8) 2-Chlorophenol	7.426	128	110794	57.864	ng	94
9) Benzaldehyde	6.997	77	52637	37.318	ng	96
10) Phenol	7.056	94	132195	53.238	ng	96
11) bis(2-Chloroethyl)ether	7.285	93	98766	50.735	ng	98
12) 1,3-Dichlorobenzene	7.749	146	101692	48.365	ng	98
13) 1,4-Dichlorobenzene	7.896	146	103278	47.921	ng	97
14) 1,2-Dichlorobenzene	8.208	146	104001	50.044	ng	97
15) Benzyl Alcohol	8.090	79	116644	62.239	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.384	45	231024	52.778	ng	99
17) 2-Methylphenol	8.302	107	103736	62.947	ng	96
18) Hexachloroethane	8.936	117	41285	54.752	ng	96
19) n-Nitroso-di-n-propyla...	8.666	70	99553	58.490	ng	96
20) 3+4-Methylphenols	8.625	107	141052	62.170	ng	93
22) Acetophenone	8.678	105	187659	50.911	ng	# 95
24) Nitrobenzene	9.054	77	140610	55.927	ng	96
25) Isophorone	9.577	82	282666	58.051	ng	# 93
26) 2-Nitrophenol	9.759	139	62995	66.649	ng	95
27) 2,4-Dimethylphenol	9.823	122	125918	86.261	ng	91
28) bis(2-Chloroethoxy)met...	10.058	93	156635	53.058	ng	# 95
29) 2,4-Dichlorophenol	10.299	162	120056	65.134	ng	98
30) 1,2,4-Trichlorobenzene	10.511	180	115810	52.047	ng	96
31) Naphthalene	10.699	128	369593	50.983	ng	98
32) Benzoic acid	9.906	122	7646	13.361	ng	# 77
33) 4-Chloroaniline	10.805	127	26583	10.033	ng	94
34) Hexachlorobutadiene	10.987	225	78704	53.963	ng	97
35) Caprolactam	11.574	113	38105m	53.946	ng	
36) 4-Chloro-3-methylphenol	11.933	107	160419	66.395	ng	99
37) 2-Methylnaphthalene	12.303	142	265000	51.781	ng	98
38) 1-Methylnaphthalene	12.526	142	282083	56.260	ng	99
40) 1,2,4,5-Tetrachloroben...	12.679	216	152559	50.774	ng	# 96
41) Hexachlorocyclopentadiene	12.661	237	209714	247.988	ng	97
43) 2,4,6-Trichlorophenol	12.914	196	114658	64.748	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064184.D
 Acq On : 4 Apr 2025 2:44
 Operator : RC/JU
 Sample : Q1680-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 04 03:30:15 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)
44) 2,4,5-Trichlorophenol	12.984	196	125481	63.772	ng	98
46) 1,1'-Biphenyl	13.319	154	426162	53.597	ng	97
47) 2-Chloronaphthalene	13.360	162	312490	53.886	ng	96
48) 2-Nitroaniline	13.560	65	130983	63.871	ng	94
49) Acenaphthylene	14.206	152	544623	59.375	ng	99
50) Dimethylphthalate	13.942	163	450982	58.050	ng	99
51) 2,6-Dinitrotoluene	14.060	165	96400	60.243	ng	93
52) Acenaphthene	14.547	154	329396	53.510	ng	99
53) 3-Nitroaniline	14.383	138	44113	29.379	ng	90
54) 2,4-Dinitrophenol	14.588	184	25644	43.061	ng	# 78
55) Dibenzofuran	14.882	168	535246	53.673	ng	97
56) 4-Nitrophenol	14.700	139	130971	104.006	ng	92
57) 2,4-Dinitrotoluene	14.847	165	141590	63.808	ng	# 98
58) Fluorene	15.528	166	441984	56.905	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.111	232	122445	63.832	ng	95
60) Diethylphthalate	15.311	149	481362	57.075	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	216574	56.111	ng	90
62) 4-Nitroaniline	15.552	138	94160	58.085	ng	94
63) Azobenzene	15.816	77	497002	55.224	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	31478	33.577	ng	96
66) n-Nitrosodiphenylamine	15.740	169	399703	59.330	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	148786	61.038	ng	96
68) Hexachlorobenzene	16.533	284	160524	58.822	ng	98
69) Atrazine	16.692	200	157287	79.349	ng	97
70) Pentachlorophenol	16.874	266	128837	76.037	ng	99
71) Phenanthrene	17.268	178	724864	57.101	ng	99
72) Anthracene	17.356	178	736792	58.369	ng	98
73) Carbazole	17.626	167	661388	56.119	ng	99
74) Di-n-butylphthalate	18.196	149	811107	58.468	ng	99
75) Fluoranthene	19.277	202	831032	54.301	ng	98
77) Benzidine	19.459	184	175752	53.922	ng	100
78) Pyrene	19.635	202	855752	56.399	ng	99
80) Butylbenzylphthalate	20.534	149	363380	62.623	ng	96
81) Benzo(a)anthracene	21.439	228	873377	57.924	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	150739	30.891	ng	97
83) Chrysene	21.498	228	825635	54.902	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	551755	67.664	ng	99
85) Di-n-octyl phthalate	22.508	149	925830	65.825	ng	99
87) Indeno(1,2,3-cd)pyrene	27.873	276	1023884	60.731	ng	98
88) Benzo(b)fluoranthene	23.519	252	856994	56.259	ng	97
89) Benzo(k)fluoranthene	23.584	252	863195	56.485	ng	99
90) Benzo(a)pyrene	24.330	252	837163	61.708	ng	97
91) Dibenzo(a,h)anthracene	27.926	278	849918	60.808	ng	98
92) Benzo(g,h,i)perylene	28.930	276	807555	56.274	ng	96

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

