

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064153.D
 Acq On : 2 Apr 2025 15:04
 Operator : RC/JU
 Sample : Q1674-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5358MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 15:46:38 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	38342	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	167471	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	114522	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	244937	20.000	ng	0.00
76) Chrysene-d12	21.457	240	236454	20.000	ng	0.00
86) Perylene-d12	24.465	264	257858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	241409	98.312	ng	0.00
7) Phenol-d6	7.033	99	313088	93.725	ng	0.00
23) Nitrobenzene-d5	9.013	82	211234	69.703	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	145546	114.334	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	508362	67.379	ng	0.00
79) Terphenyl-d14	19.841	244	815375	69.725	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.372	88	44411	39.907	ng	92
3) Pyridine	3.760	79	123282	45.551	ng	98
4) n-Nitrosodimethylamine	3.678	42	92144	47.652	ng	# 98
6) Aniline	7.191	93	124061	37.848	ng	97
8) 2-Chlorophenol	7.426	128	154082	58.424	ng	97
9) Benzaldehyde	6.997	77	100558	51.759	ng	99
10) Phenol	7.056	94	195181	57.068	ng	94
11) bis(2-Chloroethyl)ether	7.285	93	137568	51.306	ng	98
12) 1,3-Dichlorobenzene	7.749	146	159325	55.014	ng	97
13) 1,4-Dichlorobenzene	7.896	146	161740	54.486	ng	99
14) 1,2-Dichlorobenzene	8.208	146	157170	54.908	ng	99
15) Benzyl Alcohol	8.096	79	155223	60.132	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.384	45	319594m	53.008	ng	
17) 2-Methylphenol	8.302	107	135031	59.487	ng	96
18) Hexachloroethane	8.936	117	63781	61.411	ng	98
19) n-Nitroso-di-n-propyla...	8.666	70	120917	51.578	ng	98
20) 3+4-Methylphenols	8.625	107	187192	59.902	ng	94
22) Acetophenone	8.678	105	245311	53.425	ng	# 98
24) Nitrobenzene	9.054	77	181970	58.102	ng	93
25) Isophorone	9.577	82	339209	55.923	ng	96
26) 2-Nitrophenol	9.759	139	77374	65.914	ng	# 93
27) 2,4-Dimethylphenol	9.823	122	152266	83.737	ng	93
28) bis(2-Chloroethoxy)met...	10.058	93	198860	54.075	ng	100
29) 2,4-Dichlorophenol	10.293	162	142052	61.866	ng	99
30) 1,2,4-Trichlorobenzene	10.511	180	158833	57.303	ng	98
31) Naphthalene	10.699	128	490679	54.336	ng	99
32) Benzoic acid	9.982	122	110625	62.946	ng	93
33) 4-Chloroaniline	10.799	127	59451	18.012	ng	98
34) Hexachlorobutadiene	10.987	225	105307	57.962	ng	97
35) Caprolactam	11.574	113	49637m	56.412	ng	
36) 4-Chloro-3-methylphenol	11.927	107	180085	59.834	ng	97
37) 2-Methylnaphthalene	12.309	142	316004	49.568	ng	98
38) 1-Methylnaphthalene	12.526	142	340240	54.475	ng	99
40) 1,2,4,5-Tetrachloroben...	12.673	216	190314	58.209	ng	# 98
41) Hexachlorocyclopentadiene	12.661	237	235498	255.917	ng	95
43) 2,4,6-Trichlorophenol	12.914	196	127064	65.940	ng	96

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44) 2,4,5-Trichlorophenol	12.984	196	142024	66.332	ng	97
46) 1,1'-Biphenyl	13.319	154	484040	55.944	ng	99
47) 2-Chloronaphthalene	13.360	162	360543	57.135	ng	98
48) 2-Nitroaniline	13.554	65	131619	59.863	ng	98
49) Acenaphthylene	14.207	152	592164	59.328	ng	100
50) Dimethylphthalate	13.942	163	448958	53.108	ng	100
51) 2,6-Dinitrotoluene	14.060	165	96626	55.757	ng	98
52) Acenaphthene	14.547	154	358562	53.529	ng	98
53) 3-Nitroaniline	14.383	138	54295	33.231	ng	96
54) 2,4-Dinitrophenol	14.588	184	103384	138.219	ng	# 78
55) Dibenzofuran	14.882	168	560770	51.677	ng	99
56) 4-Nitrophenol	14.694	139	173544	126.649	ng	89
57) 2,4-Dinitrotoluene	14.841	165	144145	59.932	ng	# 98
58) Fluorene	15.529	166	448848	53.107	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.111	232	127423	61.045	ng	95
60) Diethylphthalate	15.311	149	471124	51.336	ng	98
61) 4-Chlorophenyl-phenyle...	15.529	204	219324	52.220	ng	92
62) 4-Nitroaniline	15.546	138	99588	56.456	ng	92
63) Azobenzene	15.816	77	524354	53.543	ng	99
65) 4,6-Dinitro-2-methylph...	15.605	198	78446	69.682	ng	98
66) n-Nitrosodiphenylamine	15.740	169	402648	58.075	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	147147	58.657	ng	95
68) Hexachlorobenzene	16.533	284	163005	58.040	ng	95
69) Atrazine	16.686	200	159307	78.093	ng	94
70) Pentachlorophenol	16.874	266	215854	123.786	ng	96
71) Phenanthrene	17.268	178	745650	57.075	ng	99
72) Anthracene	17.356	178	745757	57.407	ng	99
73) Carbazole	17.626	167	679688	56.039	ng	98
74) Di-n-butylphthalate	18.196	149	819719	57.415	ng	100
75) Fluoranthene	19.277	202	898046	57.018	ng	95
77) Benzidine	19.453	184	254695	77.788	ng	98
78) Pyrene	19.635	202	894364	58.676	ng	99
80) Butylbenzylphthalate	20.534	149	365844	62.754	ng	97
81) Benzo(a)anthracene	21.439	228	901217	59.500	ng	98
82) 3,3'-Dichlorobenzidine	21.357	252	141189	28.803	ng	99
83) Chrysene	21.498	228	850879	56.324	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	530778	64.796	ng	99
85) Di-n-octyl phthalate	22.509	149	920398	65.142	ng	97
87) Indeno(1,2,3-cd)pyrene	27.867	276	1057670	61.304	ng	# 97
88) Benzo(b)fluoranthene	23.519	252	897317	57.563	ng	99
89) Benzo(k)fluoranthene	23.584	252	884078	56.532	ng	99
90) Benzo(a)pyrene	24.330	252	843485	60.757	ng	97
91) Dibenzo(a,h)anthracene	27.920	278	855387	59.804	ng	99
92) Benzo(g,h,i)perylene	28.925	276	852528	58.053	ng	97

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

