

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062922\
 Data File : BG054159.D
 Acq On : 30 Jun 2022 00:13
 Operator : CG/JU
 Sample : N3516-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/30/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Quant Time: Jun 30 05:32:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 00:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.068	152	21996	20.000	ng	0.00
21) Naphthalene-d8	10.876	136	89226	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	68518	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	173742	20.000	ng	0.00
76) Chrysene-d12	21.716	240	187113	20.000	ng	0.00
86) Perylene-d12	24.971	264	197059	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.635	112	156163	135.738	ng	0.00
7) Phenol-d6	7.233	99	211593	135.576	ng	0.00
23) Nitrobenzene-d5	9.231	82	138944	87.509	ng	0.00
42) 2,4,6-Tribromophenol	16.182	330	152517	138.543	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	368118	78.124	ng	0.00
79) Terphenyl-d14	20.048	244	717837	77.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.520	88	18671	37.125	ng	93
3) Pyridine	3.920	79	51086	38.066	ng	91
4) n-Nitrosodimethylamine	3.832	42	31247	52.932	ng	# 95
6) Aniline	7.392	93	60113	32.487	ng	96
8) 2-Chlorophenol	7.633	128	67811	55.202	ng	93
9) Benzaldehyde	7.198	77	42190	45.804	ng	# 77
10) Phenol	7.257	94	84068	53.151	ng	98
11) bis(2-Chloroethyl)ether	7.480	93	59606	49.098	ng	94
12) 1,3-Dichlorobenzene	7.956	146	75453	49.019	ng	92
13) 1,4-Dichlorobenzene	8.103	146	76891	49.729	ng	98
14) 1,2-Dichlorobenzene	8.420	146	73252	49.351	ng	99
15) Benzyl Alcohol	8.303	79	63416	54.366	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.597	45	89480	49.305	ng	98
17) 2-Methylphenol	8.514	107	58853	53.563	ng	94
18) Hexachloroethane	9.155	117	26255	51.186	ng	# 78
19) n-Nitroso-di-n-propyla...	8.873	70	50872	48.518	ng	95
20) 3+4-Methylphenols	8.837	107	78544	50.973	ng	94
22) Acetophenone	8.890	105	100564	46.367	ng	# 95
24) Nitrobenzene	9.272	77	76058	48.645	ng	# 87
25) Isophorone	9.795	82	141042	47.564	ng	# 94
26) 2-Nitrophenol	9.983	139	38611	55.910	ng	85
27) 2,4-Dimethylphenol	10.042	122	64895	58.058	ng	89
28) bis(2-Chloroethoxy)met...	10.271	93	80910	50.649	ng	97
29) 2,4-Dichlorophenol	10.524	162	78898	52.646	ng	91
30) 1,2,4-Trichlorobenzene	10.741	180	86202	46.453	ng	95
31) Naphthalene	10.929	128	208323	46.249	ng	99
32) Benzoic acid	10.201	122	33115	63.299	ng	# 89
33) 4-Chloroaniline	11.035	127	36285	19.418	ng	# 91
34) Hexachlorobutadiene	11.217	225	67543	47.343	ng	100
35) Caprolactam	11.799	113	22483m	54.495	ng	
36) 4-Chloro-3-methylphenol	12.157	107	76804	52.719	ng	# 84
37) 2-Methylnaphthalene	12.527	142	157538	47.272	ng	97
38) 1-Methylnaphthalene	12.745	142	147852	45.563	ng	99
40) 1,2,4,5-Tetrachloroben...	12.897	216	127156	48.162	ng	95
41) Hexachlorocyclopentadiene	12.880	237	118160	96.114	ng	97
43) 2,4,6-Trichlorophenol	13.132	196	76734	51.741	ng	96

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44) 2,4,5-Trichlorophenol	13.209	196	83233	50.264	ng	# 94
46) 1,1'-Biphenyl	13.532	154	224317	47.000	ng	99
47) 2-Chloronaphthalene	13.573	162	184446	47.753	ng	96
48) 2-Nitroaniline	13.773	65	53328	51.903	ng	92
49) Acenaphthylene	14.419	152	279899	46.602	ng	100
50) Dimethylphthalate	14.143	163	237871	45.585	ng	98
51) 2,6-Dinitrotoluene	14.260	165	53831	51.059	ng	# 79
52) Acenaphthene	14.760	154	172018	44.931	ng	99
53) 3-Nitroaniline	14.590	138	30565	29.924	ng	84
54) 2,4-Dinitrophenol	14.807	184	59446	100.230	ng	# 75
55) Dibenzofuran	15.095	168	289730	46.970	ng	94
56) 4-Nitrophenol	14.913	139	78302	107.977	ng	87
57) 2,4-Dinitrotoluene	15.054	165	77163	51.823	ng	# 86
58) Fluorene	15.741	166	237951	46.983	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.324	232	79244	48.935	ng	# 91
60) Diethylphthalate	15.506	149	232999	46.107	ng	95
61) 4-Chlorophenyl-phenyle...	15.729	204	145972	48.143	ng	89
62) 4-Nitroaniline	15.759	138	47254	44.362	ng	# 80
63) Azobenzene	16.023	77	192109	47.227	ng	91
65) 4,6-Dinitro-2-methylph...	15.817	198	45794	52.831	ng	84
66) n-Nitrosodiphenylamine	15.941	169	215033	47.489	ng	96
67) 4-Bromophenyl-phenylether	16.622	248	105275	48.515	ng	93
68) Hexachlorobenzene	16.752	284	117919	47.506	ng	# 93
69) Atrazine	16.887	200	98066	52.281	ng	94
70) Pentachlorophenol	17.092	266	123213	106.861	ng	97
71) Phenanthrene	17.480	178	431875	48.382	ng	97
72) Anthracene	17.574	178	418514	48.012	ng	98
73) Carbazole	17.839	167	357922	47.838	ng	99
74) Di-n-butylphthalate	18.391	149	407011	47.049	ng	# 98
75) Fluoranthene	19.490	202	622874	53.156	ng	96
77) Benzidine	19.666	184	212002	54.711	ng	98
78) Pyrene	19.854	202	618475	54.727	ng	97
80) Butylbenzylphthalate	20.729	149	181228	50.030	ng	91
81) Benzo(a)anthracene	21.699	228	617815	50.995	ng	98
82) 3,3'-Dichlorobenzidine	21.605	252	117739	32.528	ng	95
83) Chrysene	21.763	228	580338	50.253	ng	97
84) Bis(2-ethylhexyl)phtha...	21.599	149	259969	50.180	ng	# 94
85) Di-n-octyl phthalate	22.815	149	440181	49.434	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.708	276	724936	48.748	ng	# 96
88) Benzo(b)fluoranthene	23.943	252	654010	54.584	ng	99
89) Benzo(k)fluoranthene	24.008	252	602657	50.801	ng	99
90) Benzo(a)pyrene	24.825	252	575700	56.947	ng	99
91) Dibenzo(a,h)anthracene	28.767	278	584019	47.492	ng	99
92) Benzo(g,h,i)perylene	29.883	276	626616	51.634	ng	97

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

