

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053861.D
 Acq On : 9 Jun 2022 15:18
 Operator : CG/JU
 Sample : N3233-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CR-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/10/2022
 Supervised By : Jagrut Upadhyay 06/10/2022

Quant Time: Jun 09 17:50:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 23:22:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	21495	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	90858	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	69553	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	179184	20.000	ng	0.00
76) Chrysene-d12	21.736	240	185138	20.000	ng	0.00
86) Perylene-d12	25.003	264	194293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	142235	121.514	ng	0.00
7) Phenol-d6	7.248	99	195037	123.005	ng	0.00
23) Nitrobenzene-d5	9.251	82	121763	88.005	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	130647	154.745	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	331656	71.336	ng	0.00
79) Terphenyl-d14	20.062	244	669855	71.980	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	21733	38.398	ng	87
3) Pyridine	3.946	79	55177	40.219	ng	92
4) n-Nitrosodimethylamine	3.857	42	32659	52.724	ng	99
6) Aniline	7.412	93	87518	45.351	ng	99
8) 2-Chlorophenol	7.653	128	72370	60.398	ng	93
9) Benzaldehyde	7.224	77	43863	41.486	ng	84
10) Phenol	7.271	94	93454	57.040	ng	95
11) bis(2-Chloroethyl)ether	7.506	93	64001	49.664	ng	96
12) 1,3-Dichlorobenzene	7.982	146	78683	51.602	ng	93
13) 1,4-Dichlorobenzene	8.129	146	81194	52.360	ng	95
14) 1,2-Dichlorobenzene	8.452	146	78143	52.601	ng	93
15) Benzyl Alcohol	8.323	79	70549	59.443	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.622	45	97175	42.979	ng	99
17) 2-Methylphenol	8.528	107	64024	57.167	ng	94
18) Hexachloroethane	9.181	117	27323	53.254	ng	# 82
19) n-Nitroso-di-n-propyla...	8.899	70	56775	50.556	ng	96
20) 3+4-Methylphenols	8.857	107	88813	58.368	ng	94
22) Acetophenone	8.910	105	111156	49.545	ng	# 96
24) Nitrobenzene	9.292	77	80912	52.330	ng	# 90
25) Isophorone	9.821	82	158461	51.098	ng	# 94
26) 2-Nitrophenol	10.009	139	39546	77.125	ng	# 81
27) 2,4-Dimethylphenol	10.062	122	71025	63.709	ng	90
28) bis(2-Chloroethoxy)met...	10.297	93	91403	54.240	ng	# 97
29) 2,4-Dichlorophenol	10.544	162	85604	63.932	ng	92
30) 1,2,4-Trichlorobenzene	10.767	180	92676	54.686	ng	94
31) Naphthalene	10.955	128	222554	47.860	ng	99
32) Benzoic acid	10.215	122	33554	47.647	ng	# 79
33) 4-Chloroaniline	11.049	127	56188	29.145	ng	# 94
34) Hexachlorobutadiene	11.243	225	67827	56.493	ng	98
35) Caprolactam	11.825	113	25636m	66.989	ng	
36) 4-Chloro-3-methylphenol	12.165	107	84666	59.411	ng	# 85
37) 2-Methylnaphthalene	12.553	142	168819	50.044	ng	97
38) 1-Methylnaphthalene	12.770	142	162260	49.186	ng	100
40) 1,2,4,5-Tetrachloroben...	12.917	216	128374	54.964	ng	97
41) Hexachlorocyclopentadiene	12.906	237	146807	123.657	ng	95
43) 2,4,6-Trichlorophenol	13.147	196	81442	64.296	ng	99

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44) 2,4,5-Trichlorophenol	13.223	196	88091	62.505	ng	# 93
46) 1,1'-Biphenyl	13.552	154	243189	49.060	ng	99
47) 2-Chloronaphthalene	13.593	162	195529	50.702	ng	96
48) 2-Nitroaniline	13.787	65	56795	56.852	ng	88
49) Acenaphthylene	14.439	152	318074	51.413	ng	99
50) Dimethylphthalate	14.163	163	258522	50.718	ng	99
51) 2,6-Dinitrotoluene	14.280	165	58058	62.253	ng	# 76
52) Acenaphthene	14.780	154	214659	54.612	ng	98
53) 3-Nitroaniline	14.610	138	40351	41.228	ng	91
54) 2,4-Dinitrophenol	14.815	184	56966	123.494	ng	# 77
55) Dibenzofuran	15.115	168	312551	49.881	ng	94
56) 4-Nitrophenol	14.915	139	89028	107.827	ng	# 81
57) 2,4-Dinitrotoluene	15.068	165	80813	63.411	ng	# 85
58) Fluorene	15.761	166	254897	49.131	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.338	232	85447	55.368	ng	# 91
60) Diethylphthalate	15.526	149	253896	49.183	ng	96
61) 4-Chlorophenyl-phenyle...	15.749	204	154758	55.331	ng	# 89
62) 4-Nitroaniline	15.773	138	56391	52.445	ng	# 76
63) Azobenzene	16.043	77	210246	43.526	ng	90
65) 4,6-Dinitro-2-methylph...	15.832	198	44156	62.450	ng	81
66) n-Nitrosodiphenylamine	15.961	169	233513	49.008	ng	97
67) 4-Bromophenyl-phenylether	16.642	248	110193	56.600	ng	94
68) Hexachlorobenzene	16.766	284	124148	57.208	ng	# 92
69) Atrazine	16.907	200	104828	56.191	ng	96
70) Pentachlorophenol	17.107	266	137718	98.585	ng	99
71) Phenanthrene	17.500	178	442533	46.921	ng	97
72) Anthracene	17.588	178	451677	48.933	ng	99
73) Carbazole	17.853	167	400590	48.079	ng	98
74) Di-n-butylphthalate	18.417	149	459895	48.000	ng	# 97
75) Fluoranthene	19.510	202	566301	46.293	ng	97
77) Benzidine	19.680	184	226685	50.072	ng	97
78) Pyrene	19.868	202	566085	48.080	ng	97
80) Butylbenzylphthalate	20.749	149	195547	50.925	ng	91
81) Benzo(a)anthracene	21.719	228	592311	48.190	ng	99
82) 3,3'-Dichlorobenzidine	21.625	252	148920	42.987	ng	95
83) Chrysene	21.783	228	545709	47.037	ng	97
84) Bis(2-ethylhexyl)phtha...	21.625	149	278093	50.363	ng	# 95
85) Di-n-octyl phthalate	22.859	149	481995	52.490	ng	95
87) Indeno(1,2,3-cd)pyrene	28.752	276	705582	49.269	ng	# 97
88) Benzo(b)fluoranthene	23.969	252	615884	51.059	ng	99
89) Benzo(k)fluoranthene	24.040	252	580883	48.720	ng	99
90) Benzo(a)pyrene	24.856	252	588927	57.730	ng	# 99
91) Dibenzo(a,h)anthracene	28.822	278	609562	51.508	ng	97
92) Benzo(g,h,i)perylene	29.921	276	611447	52.417	ng	96

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

