

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060922\
 Data File : BG053862.D
 Acq On : 9 Jun 2022 15:57
 Operator : CG/JU
 Sample : N3233-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CR-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 17:37:27 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	21144	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	89418	20.000	ng	0.00
39) Acenaphthene-d10	14.715	164	70175	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	178295	20.000	ng	0.00
76) Chrysene-d12	21.736	240	186790	20.000	ng	0.00
86) Perylene-d12	25.003	264	196558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	141758	123.117	ng	0.00
7) Phenol-d6	7.247	99	193545	124.091	ng	0.00
23) Nitrobenzene-d5	9.251	82	119064	87.440	ng	0.00
42) 2,4,6-Tribromophenol	16.202	330	132029	154.995	ng	0.00
45) 2-Fluorobiphenyl	13.340	172	326980	69.706	ng	0.00
79) Terphenyl-d14	20.062	244	679323	72.351	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	20894	37.528	ng	90
3) Pyridine	3.945	79	53188	39.413	ng	95
4) n-Nitrosodimethylamine	3.857	42	33051	54.242	ng	98
6) Aniline	7.412	93	86558	45.598	ng	97
8) 2-Chlorophenol	7.653	128	71434	60.606	ng	93
9) Benzaldehyde	7.224	77	42313	40.685	ng	# 74
10) Phenol	7.271	94	91916	57.032	ng	94
11) bis(2-Chloroethyl)ether	7.506	93	62995	49.695	ng	93
12) 1,3-Dichlorobenzene	7.982	146	77812	51.878	ng	90
13) 1,4-Dichlorobenzene	8.129	146	78209	51.273	ng	99
14) 1,2-Dichlorobenzene	8.446	146	76148	52.109	ng	96
15) Benzyl Alcohol	8.323	79	69372	59.421	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.622	45	94570	42.522	ng	97
17) 2-Methylphenol	8.528	107	64229	58.302	ng	92
18) Hexachloroethane	9.186	117	25523	50.571	ng	# 75
19) n-Nitroso-di-n-propyla...	8.893	70	55380	50.132	ng	95
20) 3+4-Methylphenols	8.857	107	87223	58.275	ng	97
22) Acetophenone	8.910	105	108232	49.018	ng	# 95
24) Nitrobenzene	9.292	77	79862	52.474	ng	# 89
25) Isophorone	9.821	82	154316	50.563	ng	96
26) 2-Nitrophenol	10.003	139	38925	77.136	ng	# 79
27) 2,4-Dimethylphenol	10.062	122	70134	63.923	ng	88
28) bis(2-Chloroethoxy)met...	10.297	93	89347	53.874	ng	97
29) 2,4-Dichlorophenol	10.544	162	84672	64.255	ng	90
30) 1,2,4-Trichlorobenzene	10.761	180	89771	53.825	ng	94
31) Naphthalene	10.955	128	218050	47.646	ng	99
32) Benzoic acid	10.209	122	33252	47.904	ng	# 85
33) 4-Chloroaniline	11.055	127	58307	30.731	ng	# 91
34) Hexachlorobutadiene	11.243	225	65841	55.722	ng	99
35) Caprolactam	11.819	113	26179m	69.510	ng	
36) 4-Chloro-3-methylphenol	12.165	107	83598	59.607	ng	# 83
37) 2-Methylnaphthalene	12.553	142	168112	50.637	ng	95
38) 1-Methylnaphthalene	12.770	142	161459	49.732	ng	100
40) 1,2,4,5-Tetrachloroben...	12.917	216	126457	53.664	ng	97
41) Hexachlorocyclopentadiene	12.906	237	145261	121.270	ng	98
43) 2,4,6-Trichlorophenol	13.152	196	80037	62.627	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.223	196	89268	62.778	ng	# 93
46) 1,1'-Biphenyl	13.552	154	243980	48.783	ng	99
47) 2-Chloronaphthalene	13.593	162	194721	50.045	ng	97
48) 2-Nitroaniline	13.787	65	57473	57.006	ng	89
49) Acenaphthylene	14.439	152	317476	50.861	ng	99
50) Dimethylphthalate	14.163	163	258172	50.201	ng	99
51) 2,6-Dinitrotoluene	14.280	165	57441	61.123	ng	# 77
52) Acenaphthene	14.780	154	215477	54.335	ng	98
53) 3-Nitroaniline	14.609	138	40827	41.334	ng	86
54) 2,4-Dinitrophenol	14.815	184	58284	125.169	ng	# 74
55) Dibenzofuran	15.115	168	313252	49.550	ng	94
56) 4-Nitrophenol	14.915	139	90589	108.706	ng	# 84
57) 2,4-Dinitrotoluene	15.068	165	81473	63.366	ng	# 84
58) Fluorene	15.761	166	252233	48.187	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.338	232	85695	55.049	ng	# 91
60) Diethylphthalate	15.526	149	256563	49.259	ng	96
61) 4-Chlorophenyl-phenyle...	15.749	204	153489	54.391	ng	90
62) 4-Nitroaniline	15.773	138	56141	51.780	ng	# 75
63) Azobenzene	16.043	77	211806	43.460	ng	90
65) 4,6-Dinitro-2-methylph...	15.832	198	45250	64.149	ng	85
66) n-Nitrosodiphenylamine	15.961	169	233782	49.309	ng	99
67) 4-Bromophenyl-phenylether	16.642	248	111062	57.331	ng	94
68) Hexachlorobenzene	16.766	284	123432	57.162	ng	94
69) Atrazine	16.907	200	105083	56.608	ng	96
70) Pentachlorophenol	17.107	266	136254	98.051	ng	98
71) Phenanthrene	17.500	178	448471	47.788	ng	98
72) Anthracene	17.594	178	455155	49.555	ng	99
73) Carbazole	17.853	167	401433	48.420	ng	98
74) Di-n-butylphthalate	18.417	149	456632	47.897	ng	# 98
75) Fluoranthene	19.510	202	570886	46.900	ng	97
77) Benzidine	19.680	184	221183	48.425	ng	97
78) Pyrene	19.868	202	574116	48.330	ng	99
80) Butylbenzylphthalate	20.749	149	197847	51.069	ng	90
81) Benzo(a)anthracene	21.719	228	599480	48.342	ng	99
82) 3,3'-Dichlorobenzidine	21.625	252	155900	44.604	ng	96
83) Chrysene	21.783	228	556684	47.558	ng	97
84) Bis(2-ethylhexyl)phtha...	21.625	149	284627	51.091	ng	95
85) Di-n-octyl phthalate	22.853	149	489720	52.859	ng	96
87) Indeno(1,2,3-cd)pyrene	28.752	276	715961	49.418	ng	# 95
88) Benzo(b)fluoranthene	23.969	252	625234	51.236	ng	99
89) Benzo(k)fluoranthene	24.040	252	590218	48.932	ng	99
90) Benzo(a)pyrene	24.856	252	601260	58.260	ng	# 99
91) Dibenzo(a,h)anthracene	28.816	278	621988	51.953	ng	99
92) Benzo(g,h,i)perylene	29.927	276	617091	52.292	ng	97

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

