

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054757.D
 Acq On : 26 Aug 2022 15:56
 Operator : CG/JU
 Sample : N4379-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-9-11MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/29/2022
 Supervised By : Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 02:13:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	43291	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	180878	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	122517	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	280905	20.000	ng	0.00
76) Chrysene-d12	21.825	240	266625	20.000	ng	0.00
86) Perylene-d12	25.185	264	288533	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	277467	111.610	ng	0.00
7) Phenol-d6	7.295	99	379604	111.652	ng	0.00
23) Nitrobenzene-d5	9.322	82	224568	65.177	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	161350	105.393	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	534598	65.583	ng	0.00
79) Terphenyl-d14	20.127	244	959847	71.330	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	49827	41.973	ng	99
3) Pyridine	3.934	79	132109	39.898	ng	99
4) n-Nitrosodimethylamine	3.852	42	67983	47.497	ng	98
6) Aniline	7.471	93	196014	48.524	ng	96
8) 2-Chlorophenol	7.712	128	150700	55.483	ng	100
9) Benzaldehyde	7.283	77	87007	39.046	ng	96
10) Phenol	7.324	94	191990	54.910	ng	98
11) bis(2-Chloroethyl)ether	7.559	93	142478	50.668	ng	98
12) 1,3-Dichlorobenzene	8.041	146	156555	49.807	ng	98
13) 1,4-Dichlorobenzene	8.188	146	156356	49.316	ng	99
14) 1,2-Dichlorobenzene	8.511	146	152933	50.870	ng	98
15) Benzyl Alcohol	8.387	79	132679m	54.018	ng	
16) 2,2'-oxybis(1-Chloropr...	8.675	45	223001	50.681	ng	99
17) 2-Methylphenol	8.587	107	132848	55.186	ng	99
18) Hexachloroethane	9.245	117	56791	49.397	ng	97
19) n-Nitroso-di-n-propyla...	8.957	70	116820	49.966	ng	98
20) 3+4-Methylphenols	8.916	107	180551	54.087	ng	96
22) Acetophenone	8.975	105	222609	49.193	ng	# 99
24) Nitrobenzene	9.369	77	164985	47.507	ng	97
25) Isophorone	9.886	82	326924	50.887	ng	99
26) 2-Nitrophenol	10.080	139	81530	53.147	ng	93
27) 2,4-Dimethylphenol	10.127	122	147279m	60.594	ng	
28) bis(2-Chloroethoxy)met...	10.367	93	199027	54.367	ng	99
29) 2,4-Dichlorophenol	10.614	162	145769	52.727	ng	97
30) 1,2,4-Trichlorobenzene	10.837	180	146847	46.481	ng	99
31) Naphthalene	11.025	128	455471	46.934	ng	100
32) Benzoic acid	10.262	122	73828	43.432	ng	98
33) 4-Chloroaniline	11.131	127	137350	34.716	ng	98
34) Hexachlorobutadiene	11.302	225	95519	47.189	ng	96
35) Caprolactam	11.895	113	51509m	52.811	ng	
36) 4-Chloro-3-methylphenol	12.236	107	161185	53.316	ng	97
37) 2-Methylnaphthalene	12.624	142	328895	48.354	ng	100
38) 1-Methylnaphthalene	12.841	142	312852	47.276	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	176535	47.800	ng	99
41) Hexachlorocyclopentadiene	12.964	237	222596	113.649	ng	99
43) 2,4,6-Trichlorophenol	13.217	196	122422	49.940	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
 Data File : BG054757.D
 Acq On : 26 Aug 2022 15:56
 Operator : CG/JU
 Sample : N4379-06MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03-9-11MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/29/2022
 Supervised By : Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 02:13:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	136429	49.557	ng	99
46) 1,1'-Biphenyl	13.622	154	445083	48.920	ng	99
47) 2-Chloronaphthalene	13.669	162	326815	47.298	ng	99
48) 2-Nitroaniline	13.863	65	108848	50.265	ng	99
49) Acenaphthylene	14.510	152	547413	48.009	ng	99
50) Dimethylphthalate	14.233	163	449776	47.652	ng	100
51) 2,6-Dinitrotoluene	14.357	165	97357	50.428	ng	88
52) Acenaphthene	14.850	154	389382m	53.163	ng	
53) 3-Nitroaniline	14.686	138	83237	38.514	ng	100
54) 2,4-Dinitrophenol	14.886	184	107102	96.766	ng	93
55) Dibenzofuran	15.179	168	513110	47.676	ng	99
56) 4-Nitrophenol	14.980	139	179209	107.151	ng	98
57) 2,4-Dinitrotoluene	15.138	165	135869	50.880	ng	88
58) Fluorene	15.832	166	428532	47.265	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.403	232	117770	47.456	ng	98
60) Diethylphthalate	15.585	149	452161	47.973	ng	99
61) 4-Chlorophenyl-phenyle...	15.814	204	221213	49.459	ng	99
62) 4-Nitroaniline	15.849	138	106796m	48.400	ng	
63) Azobenzene	16.108	77	422411	47.158	ng	99
65) 4,6-Dinitro-2-methylph...	15.896	198	71415	49.945	ng	97
66) n-Nitrosodiphenylamine	16.031	169	385395	47.575	ng	100
67) 4-Bromophenyl-phenylether	16.713	248	150500	48.798	ng	99
68) Hexachlorobenzene	16.830	284	165933	47.860	ng	98
69) Atrazine	16.971	200	149680	52.374	ng	99
70) Pentachlorophenol	17.171	266	196085	104.092	ng	98
71) Phenanthrene	17.571	178	699076	46.717	ng	99
72) Anthracene	17.665	178	712032	48.942	ng	100
73) Carbazole	17.929	167	664462	49.571	ng	99
74) Di-n-butylphthalate	18.476	149	810250	47.769	ng	100
75) Fluoranthene	19.574	202	871394	47.869	ng	99
77) Benzidine	19.751	184	570811	86.434	ng	99
78) Pyrene	19.939	202	875129	47.071	ng	99
80) Butylbenzylphthalate	20.814	149	367916	47.443	ng	97
81) Benzo(a)anthracene	21.801	228	850268	47.033	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	250627	39.542	ng	98
83) Chrysene	21.872	228	808890	46.797	ng	99
84) Bis(2-ethylhexyl)phtha...	21.689	149	543467	48.642	ng	99
85) Di-n-octyl phthalate	22.953	149	917788	48.439	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	1035359	47.267	ng	100
88) Benzo(b)fluoranthene	24.116	252	924862	51.097	ng	99
89) Benzo(k)fluoranthene	24.187	252	884533	48.558	ng	98
90) Benzo(a)pyrene	25.033	252	809406	52.342	ng	99
91) Dibenzo(a,h)anthracene	29.145	278	882031	49.426	ng	99
92) Benzo(g,h,i)perylene	30.285	276	885393	49.112	ng	98

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

