

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053494.D
 Acq On : 9 May 2022 15:48
 Operator : CG/JU
 Sample : N2745-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-31DMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 17:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	31180	20.000	ng	-0.01
21) Naphthalene-d8	10.901	136	119369	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	86294	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	206811	20.000	ng	-0.01
76) Chrysene-d12	21.740	240	201790	20.000	ng	0.00
86) Perylene-d12	25.018	264	209330	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	253707	138.093	ng	0.00
7) Phenol-d6	7.253	99	360515	129.298	ng	0.00
23) Nitrobenzene-d5	9.251	82	246259	87.819	ng	-0.01
42) 2,4,6-Tribromophenol	16.206	330	160170	125.847	ng	0.00
45) 2-Fluorobiphenyl	13.339	172	503805	85.313	ng	0.00
79) Terphenyl-d14	20.060	244	868346	80.146	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	37307	38.702	ng	93
3) Pyridine	3.934	79	92709	39.381	ng	97
4) n-Nitrosodimethylamine	3.846	42	56954	49.665	ng	98
6) Aniline	7.412	93	117089	37.915	ng	96
8) 2-Chlorophenol	7.659	128	98233	51.146	ng	98
9) Benzaldehyde	7.224	77	68179m	38.490	ng	
10) Phenol	7.283	94	135900	49.835	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	93741	46.091	ng	99
12) 1,3-Dichlorobenzene	7.976	146	106327	46.927	ng	93
13) 1,4-Dichlorobenzene	8.123	146	106961	46.781	ng	99
14) 1,2-Dichlorobenzene	8.446	146	101607	47.324	ng	97
15) Benzyl Alcohol	8.328	79	111848	47.981	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.616	45	150729	45.535	ng	98
17) 2-Methylphenol	8.534	107	91635	49.716	ng	95
18) Hexachloroethane	9.174	117	41686	48.011	ng	96
19) n-Nitroso-di-n-propyla...	8.892	70	88600	44.288	ng	99
20) 3+4-Methylphenols	8.863	107	122377	47.012	ng	96
22) Acetophenone	8.910	105	153816	47.082	ng	# 97
24) Nitrobenzene	9.298	77	138838	51.155	ng	97
25) Isophorone	9.815	82	241107	51.090	ng	98
26) 2-Nitrophenol	10.008	139	56579	51.470	ng	96
27) 2,4-Dimethylphenol	10.067	122	97042	58.660	ng	96
28) bis(2-Chloroethoxy)met...	10.296	93	129790	47.819	ng	98
29) 2,4-Dichlorophenol	10.549	162	104797	52.488	ng	92
30) 1,2,4-Trichlorobenzene	10.760	180	109711	48.363	ng	98
31) Naphthalene	10.948	128	295282	48.630	ng	99
32) Benzoic acid	10.243	122	47671	46.436	ng	93
33) 4-Chloroaniline	11.054	127	51743	20.348	ng	94
34) Hexachlorobutadiene	11.236	225	81682	48.558	ng	97
35) Caprolactam	11.829	113	32435m	44.704	ng	
36) 4-Chloro-3-methylphenol	12.182	107	116821	48.915	ng	98
37) 2-Methylnaphthalene	12.546	142	211292	46.628	ng	98
38) 1-Methylnaphthalene	12.764	142	205176	46.408	ng	97
40) 1,2,4,5-Tetrachloroben...	12.916	216	135988	49.994	ng	# 99
41) Hexachlorocyclopentadiene	12.899	237	147882	127.566	ng	97
43) 2,4,6-Trichlorophenol	13.157	196	90383	50.904	ng	96

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44) 2,4,5-Trichlorophenol	13.233	196	99456	52.630	ng	99
46) 1,1'-Biphenyl	13.545	154	294374	50.046	ng	98
47) 2-Chloronaphthalene	13.592	162	226749	49.202	ng	98
48) 2-Nitroaniline	13.792	65	86419	50.325	ng	98
49) Acenaphthylene	14.438	152	381553	51.884	ng	98
50) Dimethylphthalate	14.162	163	305977	46.660	ng	99
51) 2,6-Dinitrotoluene	14.285	165	66334	49.652	ng	100
52) Acenaphthene	14.778	154	213786	48.781	ng	99
53) 3-Nitroaniline	14.620	138	39448	27.328	ng	# 93
54) 2,4-Dinitrophenol	14.831	184	82043	95.437	ng	96
55) Dibenzofuran	15.113	168	362578	46.059	ng	99
56) 4-Nitrophenol	14.937	139	101182	98.137	ng	86
57) 2,4-Dinitrotoluene	15.072	165	93045	48.048	ng	# 86
58) Fluorene	15.759	166	297331	47.067	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.342	232	88981	46.409	ng	98
60) Diethylphthalate	15.519	149	311241	45.948	ng	99
61) 4-Chlorophenyl-phenylether	15.748	204	163230	46.306	ng	99
62) 4-Nitroaniline	15.783	138	67359	44.990	ng	97
63) Azobenzene	16.041	77	318257	45.883	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	60019	48.704	ng	96
66) n-Nitrosodiphenylamine	15.959	169	264559	48.723	ng	100
67) 4-Bromophenyl-phenylether	16.641	248	118405	49.022	ng	98
68) Hexachlorobenzene	16.770	284	127881	48.344	ng	99
69) Atrazine	16.905	200	112628	49.271	ng	93
70) Pentachlorophenol	17.116	266	133417	92.863	ng	96
71) Phenanthrene	17.504	178	495593	47.128	ng	98
72) Anthracene	17.592	178	498759	48.253	ng	98
73) Carbazole	17.857	167	462594	45.665	ng	99
74) Di-n-butylphthalate	18.409	149	538490	47.265	ng	99
75) Fluoranthene	19.507	202	629980	46.267	ng	99
77) Benzidine	19.684	184	398688	91.667	ng	99
78) Pyrene	19.872	202	631210	48.321	ng	100
80) Butylbenzylphthalate	20.741	149	237629	49.609	ng	95
81) Benzo(a)anthracene	21.722	228	619120	48.104	ng	97
82) 3,3'-Dichlorobenzidine	21.628	252	134466	41.199	ng	96
83) Chrysene	21.787	228	567658	47.224	ng	98
84) Bis(2-ethylhexyl)phtha...	21.610	149	329933	49.903	ng	99
85) Di-n-octyl phthalate	22.832	149	556599	49.786	ng	100
87) Indeno(1,2,3-cd)pyrene	28.783	276	706156	48.435	ng	# 94
88) Benzo(b)fluoranthene	23.978	252	661506	53.388	ng	99
89) Benzo(k)fluoranthene	24.048	252	600922	49.354	ng	97
90) Benzo(a)pyrene	24.871	252	623179	59.090	ng	99
91) Dibenzo(a,h)anthracene	28.836	278	611594	50.910	ng	99
92) Benzo(g,h,i)perylene	29.958	276	609960	51.222	ng	98

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

