

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053271.D
 Acq On : 22 Apr 2022 21:34
 Operator : CG/JU
 Sample : N2494-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1SMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 24 01:16:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	27573	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	111530	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	89861	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	227704	20.000	ng	# 0.00
76) Chrysene-d12	21.763	240	217565	20.000	ng	0.00
86) Perylene-d12	25.064	264	224575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	226770	140.980	ng	0.00
7) Phenol-d6	7.270	99	306732	123.657	ng	0.00
23) Nitrobenzene-d5	9.274	82	240959	87.723	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	197320	138.020	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	539831	82.836	ng	0.00
79) Terphenyl-d14	20.083	244	1157169	89.828	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.564	88	29248	38.075	ng	# 26
3) Pyridine	3.969	79	66864	33.003	ng	92
4) n-Nitrosodimethylamine	3.869	42	47152	46.998	ng	92
6) Aniline	7.429	93	88548	30.802	ng	96
8) 2-Chlorophenol	7.676	128	87946	50.645	ng	96
9) Benzaldehyde	7.241	77	62384m	42.074	ng	
10) Phenol	7.300	94	112841	45.702	ng	87
11) bis(2-Chloroethyl)ether	7.517	93	85328	47.941	ng	95
12) 1,3-Dichlorobenzene	7.999	146	94719m	46.940	ng	
13) 1,4-Dichlorobenzene	8.146	146	94969	46.164	ng	99
14) 1,2-Dichlorobenzene	8.463	146	92356	46.555	ng	100
15) Benzyl Alcohol	8.345	79	107939m	48.956	ng	
16) 2,2'-oxybis(1-Chloropr...	8.627	45	135638	45.646	ng	98
17) 2-Methylphenol	8.551	107	82930	49.634	ng	98
18) Hexachloroethane	9.197	117	34619	44.876	ng	92
19) n-Nitroso-di-n-propyla...	8.909	70	81888	45.093	ng	96
20) 3+4-Methylphenols	8.880	107	112601	47.739	ng	94
22) Acetophenone	8.933	105	146117	47.223	ng	# 97
24) Nitrobenzene	9.315	77	125933	47.135	ng	90
25) Isophorone	9.838	82	232569	49.814	ng	98
26) 2-Nitrophenol	10.031	139	51882	46.439	ng	# 89
27) 2,4-Dimethylphenol	10.084	122	89335	55.833	ng	93
28) bis(2-Chloroethoxy)met...	10.313	93	120799	46.055	ng	99
29) 2,4-Dichlorophenol	10.572	162	100733	50.079	ng	96
30) 1,2,4-Trichlorobenzene	10.783	180	103335	45.390	ng	96
31) Naphthalene	10.971	128	273498	45.963	ng	99
32) Benzoic acid	10.243	122	42382m	41.252	ng	
33) 4-Chloroaniline	11.083	127	24177	9.488	ng	95
34) Hexachlorobutadiene	11.259	225	72479	42.859	ng	97
35) Caprolactam	11.852	113	29857m	42.110	ng	
36) 4-Chloro-3-methylphenol	12.199	107	117027	49.973	ng	91
37) 2-Methylnaphthalene	12.569	142	205681	46.714	ng	98
38) 1-Methylnaphthalene	12.787	142	199456	46.409	ng	94
40) 1,2,4,5-Tetrachloroben...	12.939	216	133593	43.772	ng	99
41) Hexachlorocyclopentadiene	12.916	237	137297	87.145	ng	92
43) 2,4,6-Trichlorophenol	13.174	196	94431	44.876	ng	98

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44) 2,4,5-Trichlorophenol	13.251	196	104155	46.450	ng	97
46) 1,1'-Biphenyl	13.568	154	289470	44.732	ng	97
47) 2-Chloronaphthalene	13.615	162	227181	44.003	ng	98
48) 2-Nitroaniline	13.809	65	91696	46.800	ng	# 87
49) Acenaphthylene	14.461	152	392013	48.505	ng	99
50) Dimethylphthalate	14.185	163	323712	45.039	ng	98
51) 2,6-Dinitrotoluene	14.302	165	72069	48.064	ng	# 83
52) Acenaphthene	14.796	154	281855m	51.426	ng	
53) 3-Nitroaniline	14.637	138	39820	25.115	ng	93
54) 2,4-Dinitrophenol	14.843	184	88980	93.265	ng	# 88
55) Dibenzofuran	15.130	168	379599	44.232	ng	98
56) 4-Nitrophenol	14.948	139	109790	90.794	ng	# 81
57) 2,4-Dinitrotoluene	15.089	165	104374	48.893	ng	90
58) Fluorene	15.782	166	318061	45.887	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.360	232	101927	46.807	ng	98
60) Diethylphthalate	15.542	149	337382	44.801	ng	100
61) 4-Chlorophenyl-phenyle...	15.765	204	173088	44.051	ng	98
62) 4-Nitroaniline	15.800	138	73128	43.709	ng	# 83
63) Azobenzene	16.059	77	335406	44.176	ng	97
65) 4,6-Dinitro-2-methylph...	15.859	198	65605	41.297	ng	96
66) n-Nitrosodiphenylamine	15.982	169	287910	43.969	ng	99
67) 4-Bromophenyl-phenylether	16.658	248	128940	44.193	ng	94
68) Hexachlorobenzene	16.793	284	142632	45.141	ng	97
69) Atrazine	16.922	200	128077	50.073	ng	98
70) Pentachlorophenol	17.134	266	171456	99.287	ng	93
71) Phenanthrene	17.521	178	556651	44.755	ng	99
72) Anthracene	17.615	178	563871	45.762	ng	99
73) Carbazole	17.880	167	516702	43.139	ng	100
74) Di-n-butylphthalate	18.426	149	599667	44.144	ng	99
75) Fluoranthene	19.530	202	713712	44.767	ng	99
77) Benzidine	19.701	184	72112	11.617	ng	100
78) Pyrene	19.889	202	721693	46.576	ng	99
80) Butylbenzylphthalate	20.764	149	259903	44.991	ng	99
81) Benzo(a)anthracene	21.745	228	694433	46.683	ng	98
82) 3,3'-Dichlorobenzidine	21.651	252	160933	29.417	ng	96
83) Chrysene	21.810	228	625915	45.338	ng	99
84) Bis(2-ethylhexyl)phtha...	21.633	149	363562	46.560	ng	98
85) Di-n-octyl phthalate	22.867	149	613732	46.996	ng	97
87) Indeno(1,2,3-cd)pyrene	28.841	276	756495	45.341	ng	# 96
88) Benzo(b)fluoranthene	24.013	252	709604	50.080	ng	99
89) Benzo(k)fluoranthene	24.083	252	668706	48.019	ng	99
90) Benzo(a)pyrene	24.911	252	668770	55.403	ng	98
91) Dibenzo(a,h)anthracene	28.900	278	653793	47.610	ng	98
92) Benzo(g,h,i)perylene	30.028	276	656826	48.528	ng	97

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

