

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053270.D
 Acq On : 22 Apr 2022 20:55
 Operator : CG/JU
 Sample : N2494-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1SMS

Manual Integrations
 APPROVED

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

Quant Time: Apr 24 01:16:15 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	8.106	152	27634	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	113823	20.000	ng	0.00
39) Acenaphthene-d10	14.732	164	90855	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	223360	20.000	ng	0.00
76) Chrysene-d12	21.764	240	221428	20.000	ng	# 0.00
86) Perylene-d12	25.065	264	233146	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	229524	142.378	ng	0.00
7) Phenol-d6	7.271	99	313823	126.236	ng	0.00
23) Nitrobenzene-d5	9.269	82	244217	87.118	ng	0.00
42) 2,4,6-Tribromophenol	16.224	330	197005	136.292	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	541687	82.212	ng	0.00
79) Terphenyl-d14	20.083	244	1173868	89.535	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	29829	38.746	ng	# 29
3) Pyridine	3.970	79	69135	34.049	ng	# 88
4) n-Nitrosodimethylamine	3.870	42	50047	49.773	ng	90
6) Aniline	7.430	93	81875	28.418	ng	96
8) 2-Chlorophenol	7.677	128	91025	52.302	ng	97
9) Benzaldehyde	7.242	77	63574m	42.782	ng	
10) Phenol	7.301	94	113853	46.010	ng	86
11) bis(2-Chloroethyl)ether	7.518	93	85956	48.187	ng	94
12) 1,3-Dichlorobenzene	8.000	146	94998m	46.974	ng	
13) 1,4-Dichlorobenzene	8.147	146	95014	46.084	ng	98
14) 1,2-Dichlorobenzene	8.464	146	94091	47.325	ng	99
15) Benzyl Alcohol	8.346	79	107329m	48.572	ng	
16) 2,2'-oxybis(1-Chloropr...	8.628	45	140222	47.085	ng	98
17) 2-Methylphenol	8.552	107	82395	49.205	ng	97
18) Hexachloroethane	9.192	117	36078	46.664	ng	88
19) n-Nitroso-di-n-propyla...	8.910	70	82588	45.378	ng	# 94
20) 3+4-Methylphenols	8.881	107	114470	48.425	ng	89
22) Acetophenone	8.928	105	146975	46.544	ng	# 97
24) Nitrobenzene	9.316	77	127092	46.611	ng	94
25) Isophorone	9.838	82	233062	48.914	ng	99
26) 2-Nitrophenol	10.026	139	53771	47.160	ng	93
27) 2,4-Dimethylphenol	10.085	122	88959	54.478	ng	87
28) bis(2-Chloroethoxy)met...	10.314	93	123432	46.111	ng	98
29) 2,4-Dichlorophenol	10.573	162	100678	49.043	ng	99
30) 1,2,4-Trichlorobenzene	10.784	180	105137	45.251	ng	95
31) Naphthalene	10.972	128	279497	46.025	ng	99
32) Benzoic acid	10.250	122	43507m	41.472	ng	
33) 4-Chloroaniline	11.078	127	19328	7.432	ng	95
34) Hexachlorobutadiene	11.260	225	75699	43.861	ng	95
35) Caprolactam	11.853	113	28996m	40.072	ng	
36) 4-Chloro-3-methylphenol	12.200	107	117469	49.152	ng	92
37) 2-Methylnaphthalene	12.570	142	204841	45.586	ng	95
38) 1-Methylnaphthalene	12.787	142	200534m	45.720	ng	
40) 1,2,4,5-Tetrachloroben...	12.940	216	131893	42.742	ng	99
41) Hexachlorocyclopentadiene	12.917	237	146483	91.958	ng	96
43) 2,4,6-Trichlorophenol	13.175	196	95785	45.022	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.252	196	101909	44.951	ng	98
46) 1,1'-Biphenyl	13.569	154	290524	44.403	ng	98
47) 2-Chloronaphthalene	13.616	162	227476	43.578	ng	96
48) 2-Nitroaniline	13.810	65	90631	45.751	ng	94
49) Acenaphthylene	14.456	152	389662	47.686	ng	99
50) Dimethylphthalate	14.180	163	323449	44.510	ng	99
51) 2,6-Dinitrotoluene	14.303	165	70848	46.733	ng	87
52) Acenaphthene	14.796	154	285720m	51.561	ng	
53) 3-Nitroaniline	14.632	138	37029	23.099	ng	84
54) 2,4-Dinitrophenol	14.843	184	90326	93.640	ng	# 85
55) Dibenzofuran	15.131	168	378621	43.635	ng	98
56) 4-Nitrophenol	14.949	139	109916	89.904	ng	# 77
57) 2,4-Dinitrotoluene	15.090	165	104008	48.189	ng	# 88
58) Fluorene	15.778	166	318575	45.458	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.360	232	101730	46.206	ng	97
60) Diethylphthalate	15.543	149	336761	44.230	ng	98
61) 4-Chlorophenyl-phenyle...	15.766	204	175872	44.270	ng	97
62) 4-Nitroaniline	15.795	138	73589	43.504	ng	# 79
63) Azobenzene	16.059	77	343217	44.710	ng	97
65) 4,6-Dinitro-2-methylph...	15.860	198	65221	41.853	ng	95
66) n-Nitrosodiphenylamine	15.983	169	286700	44.636	ng	98
67) 4-Bromophenyl-phenylether	16.659	248	128747	44.985	ng	94
68) Hexachlorobenzene	16.788	284	142100	45.847	ng	94
69) Atrazine	16.923	200	128744	51.313	ng	98
70) Pentachlorophenol	17.134	266	171446	101.212	ng	93
71) Phenanthrene	17.522	178	557496	45.695	ng	98
72) Anthracene	17.610	178	556680	46.057	ng	99
73) Carbazole	17.881	167	519878	44.248	ng	99
74) Di-n-butylphthalate	18.427	149	603866	45.318	ng	98
75) Fluoranthene	19.531	202	717321	45.868	ng	99
77) Benzidine	19.702	184	71774	11.361	ng	98
78) Pyrene	19.890	202	723064	45.850	ng	98
80) Butylbenzylphthalate	20.765	149	266242	45.284	ng	99
81) Benzo(a)anthracene	21.746	228	705848	46.623	ng	97
82) 3,3'-Dichlorobenzidine	21.652	252	150868	27.096	ng	99
83) Chrysene	21.811	228	633620	45.095	ng	100
84) Bis(2-ethylhexyl)phtha...	21.634	149	370052	46.564	ng	97
85) Di-n-octyl phthalate	22.868	149	621086	46.729	ng	96
87) Indeno(1,2,3-cd)pyrene	28.836	276	778645	44.953	ng	# 91
88) Benzo(b)fluoranthene	24.013	252	728309	49.511	ng	97
89) Benzo(k)fluoranthene	24.084	252	682857	47.232	ng	98
90) Benzo(a)pyrene	24.912	252	682665	54.475	ng	99
91) Dibenzo(a,h)anthracene	28.907	278	671161	47.078	ng	96
92) Benzo(g,h,i)perylene	30.029	276	665055	47.329	ng	97

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

