

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056324.D
 Acq On : 18 Jan 2023 11:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 00:29:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.309	152	47310	20.000	ng	0.00
21) Naphthalene-d8	11.147	136	178337	20.000	ng	# 0.00
39) Acenaphthene-d10	14.925	164	141179	20.000	ng	0.00
64) Phenanthrene-d10	17.663	188	338948	20.000	ng	0.00
76) Chrysene-d12	21.958	240	294168	20.000	ng	# 0.00
86) Perylene-d12	25.401	264	313838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.830	112	223844	84.480	ng	0.00
7) Phenol-d6	7.451	99	322764	79.320	ng	0.00
23) Nitrobenzene-d5	9.484	82	281442	80.725	ng	0.00
42) 2,4,6-Tribromophenol	16.406	330	142875	79.907	ng	0.00
45) 2-Fluorobiphenyl	13.550	172	845229	82.673	ng	0.00
79) Terphenyl-d14	20.236	244	1372288	83.552	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.644	88	48552	40.117	ng	94
3) Pyridine	4.067	79	144693	39.253	ng	97
4) n-Nitrosodimethylamine	3.973	42	29740	39.662	ng	92
6) Aniline	7.622	93	209493	39.258	ng	99
8) 2-Chlorophenol	7.869	128	114581	43.456	ng	94
9) Benzaldehyde	7.434	77	85124	35.182	ng	97
10) Phenol	7.475	94	164119	39.770	ng	98
11) bis(2-Chloroethyl)ether	7.716	93	113595	40.620	ng	97
12) 1,3-Dichlorobenzene	8.198	146	135610	42.259	ng	97
13) 1,4-Dichlorobenzene	8.344	146	137259	42.594	ng	95
14) 1,2-Dichlorobenzene	8.673	146	132209	42.520	ng	98
15) Benzyl Alcohol	8.544	79	116265	39.259	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.832	45	25207	51.007	ng	# 77
17) 2-Methylphenol	8.744	107	122857	40.573	ng	96
18) Hexachloroethane	9.408	117	42294	43.204	ng	97
19) n-Nitroso-di-n-propyla...	9.114	70	92256	37.284	ng	97
20) 3+4-Methylphenols	9.073	107	167406	39.322	ng	97
22) Acetophenone	9.138	105	200439	39.750	ng	# 99
24) Nitrobenzene	9.531	77	141000	40.809	ng	99
25) Isophorone	10.048	82	277706	37.858	ng	97
26) 2-Nitrophenol	10.242	139	75117	42.492	ng	99
27) 2,4-Dimethylphenol	10.289	122	129705	40.227	ng	97
28) bis(2-Chloroethoxy)met...	10.524	93	156521	41.054	ng	99
29) 2,4-Dichlorophenol	10.783	162	145195	40.732	ng	98
30) 1,2,4-Trichlorobenzene	11.000	180	163732	40.476	ng	96
31) Naphthalene	11.194	128	392275	41.795	ng	99
32) Benzoic acid	10.424	122	89695	37.493	ng	96
33) 4-Chloroaniline	11.294	127	175605	39.188	ng	99
34) Hexachlorobutadiene	11.470	225	119235	40.983	ng	96
35) Caprolactam	12.069	113	44369	36.763	ng	96
36) 4-Chloro-3-methylphenol	12.393	107	137879	38.118	ng	98
37) 2-Methylnaphthalene	12.775	142	310883	39.229	ng	97
38) 1-Methylnaphthalene	12.992	142	285772	38.832	ng	99
40) 1,2,4,5-Tetrachloroben...	13.139	216	223536	42.246	ng	99
41) Hexachlorocyclopentadiene	13.109	237	124974	41.427	ng	95
43) 2,4,6-Trichlorophenol	13.368	196	145771	41.662	ng	97

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44) 2,4,5-Trichlorophenol	13.444	196	168445	40.698	ng	99
46) 1,1'-Biphenyl	13.762	154	421830	41.721	ng	97
47) 2-Chloronaphthalene	13.814	162	329445	41.281	ng	97
48) 2-Nitroaniline	14.008	65	72048	42.372	ng	98
49) Acenaphthylene	14.655	152	524251	40.367	ng	99
50) Dimethylphthalate	14.367	163	442178	38.798	ng	99
51) 2,6-Dinitrotoluene	14.490	165	96450	39.717	ng	98
52) Acenaphthene	14.990	154	345801m	40.940	ng	
53) 3-Nitroaniline	14.819	138	92376	39.969	ng	97
54) 2,4-Dinitrophenol	15.031	184	66155	38.133	ng	# 94
55) Dibenzofuran	15.319	168	553470	39.597	ng	96
56) 4-Nitrophenol	15.119	139	69991	39.376	ng	91
57) 2,4-Dinitrotoluene	15.272	165	133557	39.325	ng	93
58) Fluorene	15.965	166	434001	38.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.542	232	147101	37.852	ng	95
60) Diethylphthalate	15.712	149	411184	38.471	ng	99
61) 4-Chlorophenyl-phenyle...	15.947	204	271777	38.737	ng	98
62) 4-Nitroaniline	15.983	138	93018	39.291	ng	94
63) Azobenzene	16.241	77	319733	38.766	ng	98
65) 4,6-Dinitro-2-methylph...	16.035	198	97871	42.858	ng	94
66) n-Nitrosodiphenylamine	16.159	169	398785	42.405	ng	97
67) 4-Bromophenyl-phenylether	16.840	248	182877	42.370	ng	98
68) Hexachlorobenzene	16.970	284	169458	42.082	ng	99
69) Atrazine	17.093	200	160703	41.232	ng	98
70) Pentachlorophenol	17.310	266	122673	39.657	ng	99
71) Phenanthrene	17.704	178	716426	40.786	ng	98
72) Anthracene	17.798	178	735148	40.571	ng	99
73) Carbazole	18.057	167	611974	40.180	ng	100
74) Di-n-butylphthalate	18.585	149	639977	42.151	ng	100
75) Fluoranthene	19.696	202	859079	37.494	ng	99
77) Benzidine	19.860	184	363163	35.228	ng	99
78) Pyrene	20.054	202	872218	42.067	ng	99
80) Butylbenzylphthalate	20.912	149	252017	42.367	ng	99
81) Benzo(a)anthracene	21.934	228	832125	40.274	ng	99
82) 3,3'-Dichlorobenzidine	21.834	252	298640	40.152	ng	98
83) Chrysene	22.005	228	784360	40.528	ng	99
84) Bis(2-ethylhexyl)phtha...	21.799	149	354795	41.400	ng	100
85) Di-n-octyl phthalate	23.080	149	600097	41.479	ng	99
87) Indeno(1,2,3-cd)pyrene	29.373	276	942033	41.273	ng	# 97
88) Benzo(b)fluoranthene	24.302	252	819248	41.085	ng	100
89) Benzo(k)fluoranthene	24.373	252	806504	40.617	ng	100
90) Benzo(a)pyrene	25.236	252	792198	40.733	ng	99
91) Dibenzo(a,h)anthracene	29.437	278	799593	41.785	ng	98
92) Benzo(g,h,i)perylene	30.618	276	763636	41.151	ng	98

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

