

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052494.D
 Acq On : 28 Feb 2022 10:19
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/01/2022
 Supervised By : Jagrut Upadhyay 03/01/2022

Quant Time: Mar 01 00:58:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	29581	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	124360	20.000	ng	0.00
39) Acenaphthene-d10	14.870	164	93506	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	227940	20.000	ng	0.00
76) Chrysene-d12	21.936	240	219613	20.000	ng	0.00
86) Perylene-d12	25.396	264	232246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.752	112	142546	83.986	ng	0.00
7) Phenol-d6	7.374	99	210861	80.519	ng	0.00
23) Nitrobenzene-d5	9.395	82	220300	76.990	ng	0.00
42) 2,4,6-Tribromophenol	16.356	330	108919	81.079	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	529050	78.619	ng	0.00
79) Terphenyl-d14	20.209	244	959379	77.142	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.579	88	33443	42.792	ng	90
3) Pyridine	3.990	79	93909	41.431	ng	96
4) n-Nitrosodimethylamine	3.902	42	42978	36.721	ng	# 65
6) Aniline	7.538	93	122098	40.131	ng	96
8) 2-Chlorophenol	7.785	128	74867	40.097	ng	95
9) Benzaldehyde	7.344	77	59346m	39.667	ng	
10) Phenol	7.397	94	105263	40.455	ng	93
11) bis(2-Chloroethyl)ether	7.626	93	76123	38.274	ng	96
12) 1,3-Dichlorobenzene	8.114	146	87234	41.006	ng	96
13) 1,4-Dichlorobenzene	8.261	146	89732	41.376	ng	94
14) 1,2-Dichlorobenzene	8.584	146	84371	39.447	ng	94
15) Benzyl Alcohol	8.461	79	84944	39.083	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.748	45	108161	37.661	ng	98
17) 2-Methylphenol	8.666	107	69248	40.331	ng	92
18) Hexachloroethane	9.324	117	31882	42.279	ng	98
19) n-Nitroso-di-n-propyla...	9.030	70	74690	37.831	ng	# 87
20) 3+4-Methylphenols	8.995	107	98887	40.256	ng	93
22) Acetophenone	9.048	105	129509	39.403	ng	# 93
24) Nitrobenzene	9.442	77	106222	39.135	ng	95
25) Isophorone	9.964	82	192039	39.444	ng	98
26) 2-Nitrophenol	10.164	139	46113	40.082	ng	# 87
27) 2,4-Dimethylphenol	10.211	122	69947	41.065	ng	93
28) bis(2-Chloroethoxy)met...	10.446	93	109905	39.776	ng	98
29) 2,4-Dichlorophenol	10.705	162	82182	40.252	ng	96
30) 1,2,4-Trichlorobenzene	10.922	180	94734	39.736	ng	96
31) Naphthalene	11.116	128	260345	39.933	ng	95
32) Benzoic acid	10.370	122	22169m	23.599	ng	
33) 4-Chloroaniline	11.210	127	111424	40.936	ng	98
34) Hexachlorobutadiene	11.398	225	62255	38.665	ng	97
35) Caprolactam	11.979	113	30955	41.604	ng	92
36) 4-Chloro-3-methylphenol	12.326	107	93849	40.404	ng	97
37) 2-Methylnaphthalene	12.708	142	192544	39.763	ng	98
38) 1-Methylnaphthalene	12.925	142	190055	40.504	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.078	216	117249	38.123	ng	98
41) Hexachlorocyclopentadiene	13.054	237	48720	35.984	ng	89
43) 2,4,6-Trichlorophenol	13.307	196	76763	38.163	ng	98

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44) 2,4,5-Trichlorophenol	13.383	196	82253	37.734	ng	95
46) 1,1'-Biphenyl	13.701	154	265501	38.722	ng	98
47) 2-Chloronaphthalene	13.753	162	204146	38.645	ng	98
48) 2-Nitroaniline	13.941	65	73233	38.939	ng	97
49) Acenaphthylene	14.593	152	341158	39.673	ng	99
50) Dimethylphthalate	14.311	163	283362	39.559	ng	100
51) 2,6-Dinitrotoluene	14.429	165	63139	40.847	ng	90
52) Acenaphthene	14.934	154	223237m	39.639	ng	
53) 3-Nitroaniline	14.764	138	66349	41.296	ng	97
54) 2,4-Dinitrophenol	14.975	184	31723	36.012	ng	96
55) Dibenzofuran	15.263	168	348000	39.293	ng	99
56) 4-Nitrophenol	15.069	139	46847	38.826	ng	86
57) 2,4-Dinitrotoluene	15.222	165	87238	39.653	ng	# 89
58) Fluorene	15.915	166	286776	40.561	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.492	232	81876	39.319	ng	96
60) Diethylphthalate	15.663	149	287119	39.679	ng	98
61) 4-Chlorophenyl-phenyle...	15.898	204	158579	39.374	ng	98
62) 4-Nitroaniline	15.927	138	68459	40.474	ng	# 86
63) Azobenzene	16.191	77	287000	38.744	ng	94
65) 4,6-Dinitro-2-methylph...	15.992	198	58300	42.517	ng	87
66) n-Nitrosodiphenylamine	16.109	169	250313	39.857	ng	97
67) 4-Bromophenyl-phenylether	16.796	248	111141	40.094	ng	94
68) Hexachlorobenzene	16.926	284	116311	38.686	ng	96
69) Atrazine	17.055	200	98210	38.679	ng	95
70) Pentachlorophenol	17.272	266	56243	38.238	ng	98
71) Phenanthrene	17.660	178	467990	39.827	ng	97
72) Anthracene	17.754	178	455288	39.540	ng	100
73) Carbazole	18.018	167	446500	39.758	ng	99
74) Di-n-butylphthalate	18.559	149	493297	40.315	ng	99
75) Fluoranthene	19.663	202	577966	38.628	ng	99
77) Benzidine	19.833	184	211745	45.123	ng	99
78) Pyrene	20.027	202	577549	39.302	ng	98
80) Butylbenzylphthalate	20.891	149	208831	40.911	ng	95
81) Benzo(a)anthracene	21.913	228	578113	39.780	ng	99
82) 3,3'-Dichlorobenzidine	21.813	252	200569	39.533	ng	100
83) Chrysene	21.983	228	544001	39.503	ng	99
84) Bis(2-ethylhexyl)phtha...	21.790	149	294093	41.550	ng	97
85) Di-n-octyl phthalate	23.082	149	494956	41.709	ng	# 94
87) Indeno(1,2,3-cd)pyrene	29.403	276	672326	39.560	ng	# 97
88) Benzo(b)fluoranthene	24.292	252	563296	38.922	ng	100
89) Benzo(k)fluoranthene	24.363	252	565538	39.557	ng	99
90) Benzo(a)pyrene	25.238	252	481795	39.409	ng	97
91) Dibenzo(a,h)anthracene	29.467	278	550770	39.230	ng	# 96
92) Benzo(g,h,i)perylene	30.648	276	543298	39.431	ng	# 96

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

