

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021122\
 Data File : BG052377.D
 Acq On : 11 Feb 2022 19:39
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/14/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 12 01:26:13 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	8.224	152	23882	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	105949	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	80356	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	202698	20.000	ng	0.00
76) Chrysene-d12	21.941	240	201488	20.000	ng	0.00
86) Perylene-d12	25.412	264	208505	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	109402	79.839	ng	0.00
7) Phenol-d6	7.372	99	166233	78.625	ng	0.00
23) Nitrobenzene-d5	9.399	82	182125	74.709	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	94302	81.686	ng	0.00
45) 2-Fluorobiphenyl	13.493	172	429686	74.302	ng	0.00
79) Terphenyl-d14	20.214	244	870645	76.304	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.583	88	23634	37.457	ng	92
3) Pyridine	3.994	79	70135	38.326	ng	93
4) n-Nitrosodimethylamine	3.900	42	34269	36.267	ng	82
6) Aniline	7.537	93	97292	39.609	ng	97
8) 2-Chlorophenol	7.789	128	60307	40.007	ng	96
9) Benzaldehyde	7.349	77	46438	37.936	ng	94
10) Phenol	7.401	94	83465	39.732	ng	99
11) bis(2-Chloroethyl)ether	7.625	93	61201	38.115	ng	97
12) 1,3-Dichlorobenzene	8.118	146	67021	39.022	ng	96
13) 1,4-Dichlorobenzene	8.265	146	69435	39.657	ng	95
14) 1,2-Dichlorobenzene	8.588	146	66018	38.232	ng	91
15) Benzyl Alcohol	8.459	79	69749	39.749	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.758	45	86456	37.287	ng	98
17) 2-Methylphenol	8.670	107	55297	39.891	ng	94
18) Hexachloroethane	9.328	117	23726	38.971	ng	95
19) n-Nitroso-di-n-propyla...	9.029	70	63401	39.777	ng	89
20) 3+4-Methylphenols	8.999	107	78353	39.508	ng	96
22) Acetophenone	9.052	105	103330	36.901	ng	# 94
24) Nitrobenzene	9.440	77	84823	36.682	ng	95
25) Isophorone	9.969	82	158247	38.151	ng	98
26) 2-Nitrophenol	10.162	139	38499	39.279	ng	91
27) 2,4-Dimethylphenol	10.215	122	56723	39.088	ng	93
28) bis(2-Chloroethoxy)met...	10.444	93	90677	38.520	ng	99
29) 2,4-Dichlorophenol	10.709	162	67078	38.563	ng	99
30) 1,2,4-Trichlorobenzene	10.926	180	75765	37.302	ng	97
31) Naphthalene	11.120	128	209245	37.672	ng	95
32) Benzoic acid	10.350	122	36303	39.849	ng	95
33) 4-Chloroaniline	11.220	127	91526	39.469	ng	97
34) Hexachlorobutadiene	11.402	225	51689	37.682	ng	97
35) Caprolactam	11.983	113	26940	42.499	ng	# 87
36) 4-Chloro-3-methylphenol	12.330	107	78969	39.906	ng	97
37) 2-Methylnaphthalene	12.712	142	160088	38.805	ng	97
38) 1-Methylnaphthalene	12.929	142	154759m	38.713	ng	
40) 1,2,4,5-Tetrachloroben...	13.076	216	96464	36.498	ng	98
41) Hexachlorocyclopentadiene	13.059	237	38097	33.216	ng	94
43) 2,4,6-Trichlorophenol	13.311	196	67395	38.989	ng	92

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44) 2,4,5-Trichlorophenol	13.387	196	73546	39.261	ng	96
46) 1,1'-Biphenyl	13.705	154	219942	37.327	ng	98
47) 2-Chloronaphthalene	13.758	162	170235	37.500	ng	96
48) 2-Nitroaniline	13.946	65	63144	39.069	ng	99
49) Acenaphthylene	14.598	152	281863	38.142	ng	98
50) Dimethylphthalate	14.316	163	241014	39.153	ng	98
51) 2,6-Dinitrotoluene	14.433	165	52385	39.436	ng	94
52) Acenaphthene	14.938	154	185447m	38.318	ng	
53) 3-Nitroaniline	14.768	138	57083	41.343	ng	99
54) 2,4-Dinitrophenol	14.974	184	28484	37.406	ng	96
55) Dibenzofuran	15.267	168	290622	38.184	ng	99
56) 4-Nitrophenol	15.073	139	41239	39.771	ng	89
57) 2,4-Dinitrotoluene	15.226	165	76862	40.654	ng	# 87
58) Fluorene	15.919	166	239103	39.352	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.496	232	71352	39.872	ng	99
60) Diethylphthalate	15.667	149	245394	39.463	ng	97
61) 4-Chlorophenyl-phenyle...	15.902	204	133296	38.513	ng	99
62) 4-Nitroaniline	15.931	138	60998	41.964	ng	90
63) Azobenzene	16.195	77	243587	38.265	ng	95
65) 4,6-Dinitro-2-methylph...	15.990	198	49427	40.535	ng	95
66) n-Nitrosodiphenylamine	16.113	169	210148	37.628	ng	97
67) 4-Bromophenyl-phenylether	16.801	248	92901	37.688	ng	92
68) Hexachlorobenzene	16.930	284	100055	37.424	ng	94
69) Atrazine	17.053	200	87500	38.753	ng	96
70) Pentachlorophenol	17.276	266	50370	38.510	ng	96
71) Phenanthrene	17.664	178	397801	38.070	ng	98
72) Anthracene	17.758	178	389754	38.064	ng	100
73) Carbazole	18.022	167	391945	39.246	ng	99
74) Di-n-butylphthalate	18.563	149	437228	40.183	ng	99
75) Fluoranthene	19.667	202	516740	38.837	ng	99
77) Benzidine	19.838	184	166038	38.566	ng	100
78) Pyrene	20.031	202	517030	38.349	ng	98
80) Butylbenzylphthalate	20.895	149	192529	41.110	ng	97
81) Benzo(a)anthracene	21.917	228	514209	38.566	ng	100
82) 3,3'-Dichlorobenzidine	21.817	252	179661	38.598	ng	97
83) Chrysene	21.993	228	476044	37.677	ng	99
84) Bis(2-ethylhexyl)phtha...	21.794	149	261905	40.331	ng	97
85) Di-n-octyl phthalate	23.092	149	443649	40.748	ng	95
87) Indeno(1,2,3-cd)pyrene	29.419	276	578878	37.940	ng	# 98
88) Benzo(b)fluoranthene	24.302	252	491887	37.858	ng	98
89) Benzo(k)fluoranthene	24.373	252	489403	38.129	ng	98
90) Benzo(a)pyrene	25.248	252	420199	38.284	ng	99
91) Dibenzo(a,h)anthracene	29.489	278	473847	37.594	ng	# 98
92) Benzo(g,h,i)perylene	30.676	276	467618	37.803	ng	94

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

