

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053520.D
 Acq On : 10 May 2022 23:27
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/11/2022
 Supervised By : Jagrut Upadhyay 05/11/2022

Quant Time: May 11 06:46:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.082	152	22953	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	90869	20.000	ng	0.00
39) Acenaphthene-d10	14.714	164	74071	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	192247	20.000	ng	0.00
76) Chrysene-d12	21.740	240	197479	20.000	ng	0.00
86) Perylene-d12	25.012	264	208539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.650	112	106035	78.402	ng	0.00
7) Phenol-d6	7.248	99	164444	80.117	ng	0.00
23) Nitrobenzene-d5	9.251	82	177926	83.351	ng	0.00
42) 2,4,6-Tribromophenol	16.200	330	93774	85.837	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	406606	80.216	ng	0.00
79) Terphenyl-d14	20.060	244	869864	82.039	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.535	88	27675	39.000	ng	98
3) Pyridine	3.935	79	70300	40.566	ng	96
4) n-Nitrosodimethylamine	3.846	42	33515	39.701	ng	# 99
6) Aniline	7.406	93	90401	39.765	ng	98
8) 2-Chlorophenol	7.653	128	54596	38.615	ng	97
9) Benzaldehyde	7.224	77	50157m	38.465	ng	
10) Phenol	7.277	94	80239	39.970	ng	97
11) bis(2-Chloroethyl)ether	7.500	93	58345	38.970	ng	98
12) 1,3-Dichlorobenzene	7.976	146	65271	39.132	ng	92
13) 1,4-Dichlorobenzene	8.123	146	68129	40.477	ng	98
14) 1,2-Dichlorobenzene	8.446	146	62268	39.397	ng	96
15) Benzyl Alcohol	8.323	79	69815	40.684	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.611	45	97509	40.016	ng	96
17) 2-Methylphenol	8.528	107	54081	39.858	ng	98
18) Hexachloroethane	9.175	117	24851	38.880	ng	98
19) n-Nitroso-di-n-propyla...	8.887	70	58159	39.492	ng	99
20) 3+4-Methylphenols	8.857	107	76988	40.176	ng	97
22) Acetophenone	8.910	105	101438	40.788	ng	97
24) Nitrobenzene	9.292	77	86339	41.789	ng	92
25) Isophorone	9.815	82	150997	42.031	ng	100
26) 2-Nitrophenol	10.009	139	36031	43.058	ng	88
27) 2,4-Dimethylphenol	10.067	122	51673	41.032	ng	93
28) bis(2-Chloroethoxy)met...	10.291	93	86790	42.005	ng	96
29) 2,4-Dichlorophenol	10.549	162	66525	43.770	ng	96
30) 1,2,4-Trichlorobenzene	10.761	180	73750	42.707	ng	96
31) Naphthalene	10.949	128	191680	41.469	ng	99
32) Benzoic acid	10.226	122	27411m	37.151	ng	
33) 4-Chloroaniline	11.054	127	80532	41.602	ng	98
34) Hexachlorobutadiene	11.236	225	53803	42.017	ng	99
35) Caprolactam	11.824	113	24430	44.231	ng	92
36) 4-Chloro-3-methylphenol	12.176	107	78795	43.340	ng	98
37) 2-Methylnaphthalene	12.546	142	142093	41.192	ng	97
38) 1-Methylnaphthalene	12.764	142	138197m	41.062	ng	
40) 1,2,4,5-Tetrachloroben...	12.917	216	97129	41.600	ng	99
41) Hexachlorocyclopentadiene	12.893	237	26577	33.695	ng	96
43) 2,4,6-Trichlorophenol	13.151	196	63889	41.921	ng	98

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44) 2,4,5-Trichlorophenol	13.234	196	70150	43.248	ng	96
46) 1,1'-Biphenyl	13.545	154	202746	40.156	ng	99
47) 2-Chloronaphthalene	13.592	162	155355	39.273	ng	98
48) 2-Nitroaniline	13.792	65	63359	42.985	ng	95
49) Acenaphthylene	14.438	152	257560	40.803	ng	99
50) Dimethylphthalate	14.162	163	229760	40.819	ng	100
51) 2,6-Dinitrotoluene	14.279	165	49007	42.736	ng	96
52) Acenaphthene	14.779	154	150990	40.137	ng	98
53) 3-Nitroaniline	14.614	138	51742	41.760	ng	97
54) 2,4-Dinitrophenol	14.826	184	26770	40.150	ng	96
55) Dibenzofuran	15.108	168	271909	40.241	ng	98
56) 4-Nitrophenol	14.937	139	37720	42.622	ng	95
57) 2,4-Dinitrotoluene	15.072	165	71695	43.132	ng	# 90
58) Fluorene	15.760	166	224692	41.438	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.343	232	71165	43.242	ng	98
60) Diethylphthalate	15.519	149	244176	41.996	ng	99
61) 4-Chlorophenyl-phenyle...	15.742	204	127925	42.279	ng	96
62) 4-Nitroaniline	15.777	138	56061	43.622	ng	99
63) Azobenzene	16.036	77	248226	41.692	ng	99
65) 4,6-Dinitro-2-methylph...	15.842	198	50432	44.024	ng	92
66) n-Nitrosodiphenylamine	15.959	169	199529	39.530	ng	99
67) 4-Bromophenyl-phenylether	16.641	248	91770	40.873	ng	91
68) Hexachlorobenzene	16.770	284	99594	40.503	ng	99
69) Atrazine	16.905	200	87162	41.019	ng	97
70) Pentachlorophenol	17.117	266	48771	39.339	ng	94
71) Phenanthrene	17.499	178	396528	40.564	ng	98
72) Anthracene	17.593	178	394059	41.012	ng	98
73) Carbazole	17.857	167	387377	41.137	ng	98
74) Di-n-butylphthalate	18.403	149	439164	41.467	ng	99
75) Fluoranthene	19.508	202	525030	41.480	ng	98
77) Benzidine	19.678	184	105970	24.897	ng	97
78) Pyrene	19.866	202	527268	41.245	ng	100
80) Butylbenzylphthalate	20.741	149	198478	42.340	ng	96
81) Benzo(a)anthracene	21.716	228	517054	41.050	ng	99
82) 3,3'-Dichlorobenzidine	21.622	252	127542	39.930	ng	94
83) Chrysene	21.787	228	481736	40.951	ng	99
84) Bis(2-ethylhexyl)phtha...	21.605	149	274018	42.351	ng	97
85) Di-n-octyl phthalate	22.827	149	459602	42.007	ng	99
87) Indeno(1,2,3-cd)pyrene	28.783	276	594744	40.948	ng	# 95
88) Benzo(b)fluoranthene	23.972	252	501175	40.601	ng	99
89) Benzo(k)fluoranthene	24.043	252	487549	40.194	ng	98
90) Benzo(a)pyrene	24.865	252	428470	40.782	ng	# 99
91) Dibenzo(a,h)anthracene	28.830	278	481314	40.217	ng	98
92) Benzo(g,h,i)perylene	29.946	276	481645	40.600	ng	97

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

