

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054598.D
 Acq On : 11 Aug 2022 10:13
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/12/2022
 Supervised By : Jagrut Upadhyay 08/12/2022

Quant Time: Aug 12 05:59:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	16753	20.000	ng	# 0.00
21) Naphthalene-d8	10.782	136	62766	20.000	ng	# 0.00
39) Acenaphthene-d10	14.613	164	50091	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	128523	20.000	ng	# 0.00
76) Chrysene-d12	21.634	240	138803	20.000	ng	# 0.00
86) Perylene-d12	24.836	264	146134	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.559	112	72031	89.770	ng	0.00
7) Phenol-d6	7.174	99	98577	89.658	ng	0.00
23) Nitrobenzene-d5	9.143	82	101086	87.704	ng	0.00
42) 2,4,6-Tribromophenol	16.111	330	71542	68.024	ng	0.00
45) 2-Fluorobiphenyl	13.232	172	285734	80.470	ng	0.00
79) Terphenyl-d14	19.971	244	594267	84.934	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	13285	41.617	ng	# 93
3) Pyridine	3.802	79	39816	49.168	ng	98
4) n-Nitrosodimethylamine	3.720	42	21893	48.350	ng	# 80
6) Aniline	7.292	93	55068	43.391	ng	99
8) 2-Chlorophenol	7.550	128	40924	44.381	ng	93
9) Benzaldehyde	7.104	77	26217	48.517	ng	82
10) Phenol	7.204	94	49938	45.715	ng	95
11) bis(2-Chloroethyl)ether	7.386	93	35577	44.668	ng	93
12) 1,3-Dichlorobenzene	7.862	146	48967m	43.584	ng	
13) 1,4-Dichlorobenzene	8.009	146	50308	43.360	ng	96
14) 1,2-Dichlorobenzene	8.326	146	47788	43.678	ng	99
15) Benzyl Alcohol	8.220	79	39718	43.922	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.502	45	48653	48.502	ng	95
17) 2-Methylphenol	8.449	107	34763	44.152	ng	95
18) Hexachloroethane	9.049	117	17228	44.845	ng	# 62
19) n-Nitroso-di-n-propyla...	8.778	70	32605	44.409	ng	89
20) 3+4-Methylphenols	8.778	107	48357m	43.589	ng	
22) Acetophenone	8.802	105	64885	42.981	ng	# 97
24) Nitrobenzene	9.184	77	49669	44.095	ng	# 89
25) Isophorone	9.707	82	85410	42.609	ng	# 94
26) 2-Nitrophenol	9.895	139	24112	42.467	ng	93
27) 2,4-Dimethylphenol	9.971	122	33346	42.515	ng	93
28) bis(2-Chloroethoxy)met...	10.182	93	44669	44.183	ng	# 96
29) 2,4-Dichlorophenol	10.459	162	49384	41.713	ng	89
30) 1,2,4-Trichlorobenzene	10.647	180	61664	42.056	ng	95
31) Naphthalene	10.835	128	131862	41.851	ng	99
32) Benzoic acid	10.153	122	6480m	25.158	ng	
33) 4-Chloroaniline	10.946	127	53244	41.555	ng	96
34) Hexachlorobutadiene	11.111	225	53418	41.224	ng	99
35) Caprolactam	11.734	113	12512	41.973	ng	# 83
36) 4-Chloro-3-methylphenol	12.110	107	45315	42.074	ng	89
37) 2-Methylnaphthalene	12.439	142	99726	41.217	ng	99
38) 1-Methylnaphthalene	12.662	142	98172	41.640	ng	98
40) 1,2,4,5-Tetrachloroben...	12.815	216	87851	40.031	ng	# 94
41) Hexachlorocyclopentadiene	12.785	237	24998	39.846	ng	99
43) 2,4,6-Trichlorophenol	13.067	196	43478	36.386	ng	100

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44) 2,4,5-Trichlorophenol	13.161	196	45491m	33.694	ng	
46) 1,1'-Biphenyl	13.443	154	139678	40.759	ng	95
47) 2-Chloronaphthalene	13.496	162	116501	40.623	ng	94
48) 2-Nitroaniline	13.702	65	32787	43.806	ng	95
49) Acenaphthylene	14.336	152	172888	40.571	ng	98
50) Dimethylphthalate	14.066	163	155167	39.658	ng	99
51) 2,6-Dinitrotoluene	14.195	165	34301	39.969	ng	# 80
52) Acenaphthene	14.677	154	102929	39.888	ng	98
53) 3-Nitroaniline	14.530	138	28952	40.338	ng	93
54) 2,4-Dinitrophenol	14.771	184	12115	28.914	ng	# 73
55) Dibenzofuran	15.012	168	182880	39.831	ng	95
56) 4-Nitrophenol	14.906	139	13102	27.361	ng	# 86
57) 2,4-Dinitrotoluene	14.995	165	49582	40.302	ng	# 87
58) Fluorene	15.664	166	150163	39.778	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.265	232	33631	25.585	ng	# 87
60) Diethylphthalate	15.423	149	151002	40.230	ng	96
61) 4-Chlorophenyl-phenyle...	15.647	204	98262	39.654	ng	# 88
62) 4-Nitroaniline	15.700	138	30970	41.071	ng	89
63) Azobenzene	15.940	77	112605	41.521	ng	88
65) 4,6-Dinitro-2-methylph...	15.776	198	26218	33.019	ng	78
66) n-Nitrosodiphenylamine	15.870	169	134068	41.781	ng	97
67) 4-Bromophenyl-phenylether	16.540	248	71803	39.779	ng	92
68) Hexachlorobenzene	16.681	284	82113	39.779	ng	# 89
69) Atrazine	16.816	200	57443	40.229	ng	94
70) Pentachlorophenol	17.039	266	21270m	26.415	ng	
71) Phenanthrene	17.403	178	260153	40.647	ng	97
72) Anthracene	17.497	178	254493	40.519	ng	99
73) Carbazole	17.774	167	211516	40.905	ng	99
74) Di-n-butylphthalate	18.314	149	254181	41.655	ng	# 97
75) Fluoranthene	19.419	202	342874	39.299	ng	97
77) Benzidine	19.595	184	110283	43.871	ng	98
78) Pyrene	19.783	202	343437	43.121	ng	99
80) Butylbenzylphthalate	20.653	149	108883	43.870	ng	# 85
81) Benzo(a)anthracene	21.616	228	359347	40.783	ng	99
82) 3,3'-Dichlorobenzidine	21.522	252	113976	41.593	ng	# 97
83) Chrysene	21.681	228	340710	40.929	ng	97
84) Bis(2-ethylhexyl)phtha...	21.499	149	154633	44.030	ng	# 94
85) Di-n-octyl phthalate	22.691	149	261498	43.645	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.543	276	452536	40.706	ng	# 98
88) Benzo(b)fluoranthene	23.819	252	363893	42.107	ng	# 98
89) Benzo(k)fluoranthene	23.884	252	349893	40.681	ng	# 96
90) Benzo(a)pyrene	24.689	252	305828	41.437	ng	# 97
91) Dibenzo(a,h)anthracene	28.567	278	373275	40.834	ng	# 97
92) Benzo(g,h,i)perylene	29.677	276	367021	40.679	ng	# 94

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

