

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032222\
 Data File : BG052789.D
 Acq On : 22 Mar 2022 17:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 18:31:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.141	152	41232	20.000	ng	-0.02
21) Naphthalene-d8	10.961	136	160456	20.000	ng	-0.01
39) Acenaphthene-d10	14.767	164	112938	20.000	ng	0.00
64) Phenanthrene-d10	17.511	188	263274	20.000	ng	0.00
76) Chrysene-d12	21.799	240	266923	20.000	ng	-0.01
86) Perylene-d12	25.118	264	276736	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	186893	78.938	ng	0.00
7) Phenol-d6	7.289	99	282874	79.250	ng	0.00
23) Nitrobenzene-d5	9.304	82	294933	92.254	ng	-0.01
42) 2,4,6-Tribromophenol	16.248	330	131276	86.503	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	635708	83.017	ng	-0.01
79) Terphenyl-d14	20.113	244	1155134	76.981	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.594	88	44404	37.492	ng	94
3) Pyridine	3.994	79	118964	39.185	ng	# 87
4) n-Nitrosodimethylamine	3.900	42	55176	40.968	ng	95
6) Aniline	7.465	93	146081	34.904	ng	99
8) 2-Chlorophenol	7.706	128	100722	40.487	ng	91
9) Benzaldehyde	7.277	77	81117	41.712	ng	92
10) Phenol	7.318	94	143651	40.770	ng	91
11) bis(2-Chloroethyl)ether	7.553	93	103965	39.072	ng	96
12) 1,3-Dichlorobenzene	8.035	146	117310	39.164	ng	# 95
13) 1,4-Dichlorobenzene	8.182	146	113848	37.829	ng	94
14) 1,2-Dichlorobenzene	8.499	146	109322	38.409	ng	98
15) Benzyl Alcohol	8.376	79	115909	38.566	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.670	45	174495	37.657	ng	97
17) 2-Methylphenol	8.576	107	93065	39.621	ng	97
18) Hexachloroethane	9.239	117	44881	40.646	ng	93
19) n-Nitroso-di-n-propyla...	8.946	70	99684	39.431	ng	# 97
20) 3+4-Methylphenols	8.905	107	130477	39.692	ng	96
22) Acetophenone	8.963	105	167822	40.416	ng	# 95
24) Nitrobenzene	9.351	77	144335	45.122	ng	90
25) Isophorone	9.874	82	248751	40.184	ng	99
26) 2-Nitrophenol	10.062	139	58387	52.562	ng	92
27) 2,4-Dimethylphenol	10.115	122	89783	39.507	ng	97
28) bis(2-Chloroethoxy)met...	10.350	93	144617	39.510	ng	98
29) 2,4-Dichlorophenol	10.596	162	107961	42.219	ng	97
30) 1,2,4-Trichlorobenzene	10.820	180	123761	41.026	ng	98
31) Naphthalene	11.008	128	332981	40.131	ng	98
32) Benzoic acid	10.238	122	74554	44.630	ng	92
33) 4-Chloroaniline	11.107	127	127934	36.378	ng	95
34) Hexachlorobutadiene	11.301	225	91657	42.377	ng	97
35) Caprolactam	11.877	113	35275	50.519	ng	# 79
36) 4-Chloro-3-methylphenol	12.218	107	122970	41.411	ng	97
37) 2-Methylnaphthalene	12.605	142	241054	39.670	ng	98
38) 1-Methylnaphthalene	12.823	142	230315m	38.836	ng	
40) 1,2,4,5-Tetrachloroben...	12.970	216	151754	43.009	ng	98
41) Hexachlorocyclopentadiene	12.952	237	93258	44.590	ng	93
43) 2,4,6-Trichlorophenol	13.199	196	104134	46.085	ng	96

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44) 2,4,5-Trichlorophenol	13.275	196	107974	47.079	ng	97
46) 1,1'-Biphenyl	13.604	154	317727	40.228	ng	98
47) 2-Chloronaphthalene	13.645	162	258308	41.529	ng	97
48) 2-Nitroaniline	13.833	65	87835	51.635	ng	94
49) Acenaphthylene	14.491	152	398850	40.226	ng	98
50) Dimethylphthalate	14.209	163	338651	40.346	ng	99
51) 2,6-Dinitrotoluene	14.327	165	68865	48.594	ng	# 86
52) Acenaphthene	14.832	154	265252	41.758	ng	95
53) 3-Nitroaniline	14.656	138	76324	46.025	ng	95
54) 2,4-Dinitrophenol	14.855	184	44210	57.231	ng	# 68
55) Dibenzofuran	15.161	168	411257	39.646	ng	96
56) 4-Nitrophenol	14.949	139	62479	46.188	ng	85
57) 2,4-Dinitrotoluene	15.114	165	97844	49.760	ng	# 95
58) Fluorene	15.813	166	330965	39.141	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.384	232	108473	44.249	ng	98
60) Diethylphthalate	15.572	149	345868	39.036	ng	99
61) 4-Chlorophenyl-phenyle...	15.801	204	186759	40.049	ng	97
62) 4-Nitroaniline	15.819	138	78849	44.999	ng	91
63) Azobenzene	16.095	77	366611	38.713	ng	99
65) 4,6-Dinitro-2-methylph...	15.877	198	66828	56.937	ng	94
66) n-Nitrosodiphenylamine	16.013	169	297462	40.132	ng	99
67) 4-Bromophenyl-phenylether	16.694	248	130109	40.991	ng	98
68) Hexachlorobenzene	16.817	284	139022	40.748	ng	91
69) Atrazine	16.952	200	114366	41.846	ng	93
70) Pentachlorophenol	17.152	266	91588	43.271	ng	91
71) Phenanthrene	17.552	178	559606	39.732	ng	98
72) Anthracene	17.646	178	539847	38.773	ng	99
73) Carbazole	17.904	167	536882	38.934	ng	99
74) Di-n-butylphthalate	18.462	149	607206	40.307	ng	99
75) Fluoranthene	19.555	202	708018	39.602	ng	99
77) Benzidine	19.725	184	91699	13.320	ng	99
78) Pyrene	19.919	202	711515	38.428	ng	99
80) Butylbenzylphthalate	20.800	149	271735	41.373	ng	99
81) Benzo(a)anthracene	21.781	228	698257	39.067	ng	98
82) 3,3'-Dichlorobenzidine	21.687	252	239231	37.902	ng	97
83) Chrysene	21.846	228	652938	38.858	ng	100
84) Bis(2-ethylhexyl)phtha...	21.681	149	368644	41.272	ng	99
85) Di-n-octyl phthalate	22.927	149	617368	41.518	ng	96
87) Indeno(1,2,3-cd)pyrene	28.919	276	790443	41.730	ng	# 91
88) Benzo(b)fluoranthene	24.060	252	676340	39.362	ng	97
89) Benzo(k)fluoranthene	24.131	252	660229	39.054	ng	99
90) Benzo(a)pyrene	24.959	252	577096	39.677	ng	98
91) Dibenzo(a,h)anthracene	28.989	278	641416	41.096	ng	99
92) Benzo(g,h,i)perylene	30.105	276	635013	41.120	ng	97

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

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