

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021022\
 Data File : BG052348.D
 Acq On : 10 Feb 2022 10:25
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/11/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 12:06:41 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	8.234	152	22899	20.000	ng	0.01
21) Naphthalene-d8	11.071	136	103727	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	82149	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	210484	20.000	ng	0.00
76) Chrysene-d12	21.945	240	194594	20.000	ng	0.00
86) Perylene-d12	25.417	264	199702	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	101509	77.259	ng	0.01
7) Phenol-d6	7.376	99	165334	81.556	ng	0.00
23) Nitrobenzene-d5	9.409	82	179452	75.190	ng	0.01
42) 2,4,6-Tribromophenol	16.364	330	99118	83.984	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	444293	75.151	ng	0.01
79) Terphenyl-d14	20.218	244	857278	77.795	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.587	88	21083	34.848	ng	92
3) Pyridine	3.998	79	65237	37.180	ng	95
4) n-Nitrosodimethylamine	3.905	42	32575	35.954	ng	# 75
6) Aniline	7.541	93	96614	41.021	ng	98
8) 2-Chlorophenol	7.793	128	57772	39.971	ng	95
9) Benzaldehyde	7.353	77	43801	37.072	ng	90
10) Phenol	7.406	94	80896	40.162	ng	96
11) bis(2-Chloroethyl)ether	7.635	93	58840	38.217	ng	92
12) 1,3-Dichlorobenzene	8.122	146	64100	38.924	ng	98
13) 1,4-Dichlorobenzene	8.269	146	66740	39.754	ng	99
14) 1,2-Dichlorobenzene	8.592	146	64263	38.813	ng	95
15) Benzyl Alcohol	8.463	79	69952	41.576	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.757	45	82284	37.011	ng	98
17) 2-Methylphenol	8.675	107	55575	41.813	ng	96
18) Hexachloroethane	9.338	117	22428	38.421	ng	94
19) n-Nitroso-di-n-propyla...	9.039	70	62213	40.707	ng	92
20) 3+4-Methylphenols	9.004	107	82100	43.175	ng	90
22) Acetophenone	9.062	105	103645	37.807	ng	# 92
24) Nitrobenzene	9.450	77	84688	37.408	ng	96
25) Isophorone	9.973	82	164008	40.387	ng	100
26) 2-Nitrophenol	10.172	139	39176	40.826	ng	88
27) 2,4-Dimethylphenol	10.220	122	59733	42.044	ng	92
28) bis(2-Chloroethoxy)met...	10.454	93	89026	38.629	ng	100
29) 2,4-Dichlorophenol	10.713	162	69043	40.543	ng	99
30) 1,2,4-Trichlorobenzene	10.930	180	75216	37.825	ng	96
31) Naphthalene	11.124	128	209711	38.565	ng	95
32) Benzoic acid	10.355	122	39401	43.527	ng	96
33) 4-Chloroaniline	11.224	127	93205	41.054	ng	95
34) Hexachlorobutadiene	11.412	225	49195	36.632	ng	99
35) Caprolactam	11.988	113	27827	44.839	ng	# 85
36) 4-Chloro-3-methylphenol	12.334	107	84092	43.405	ng	98
37) 2-Methylnaphthalene	12.716	142	160752	39.801	ng	96
38) 1-Methylnaphthalene	12.933	142	157235	40.175	ng	96
40) 1,2,4,5-Tetrachloroben...	13.080	216	97918	36.239	ng	99
41) Hexachlorocyclopentadiene	13.063	237	40453	34.297	ng	97
43) 2,4,6-Trichlorophenol	13.315	196	70331	39.799	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.392	196	75679	39.518	ng	96
46) 1,1'-Biphenyl	13.715	154	228877	37.995	ng	99
47) 2-Chloronaphthalene	13.762	162	175187	37.748	ng	98
48) 2-Nitroaniline	13.950	65	66162	40.043	ng	93
49) Acenaphthylene	14.602	152	292980	38.781	ng	98
50) Dimethylphthalate	14.314	163	252033	40.049	ng	99
51) 2,6-Dinitrotoluene	14.437	165	53395	39.319	ng	95
52) Acenaphthene	14.943	154	193853m	39.181	ng	
53) 3-Nitroaniline	14.772	138	58890	41.720	ng	96
54) 2,4-Dinitrophenol	14.978	184	30480	38.925	ng	97
55) Dibenzofuran	15.277	168	300062	38.564	ng	98
56) 4-Nitrophenol	15.078	139	44397	41.882	ng	87
57) 2,4-Dinitrotoluene	15.230	165	81081	41.949	ng	# 83
58) Fluorene	15.924	166	249164	40.113	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.501	232	76055	41.573	ng	# 98
60) Diethylphthalate	15.671	149	254371	40.014	ng	96
61) 4-Chlorophenyl-phenyle...	15.906	204	136552	38.593	ng	97
62) 4-Nitroaniline	15.935	138	60267	40.556	ng	# 87
63) Azobenzene	16.200	77	251268	38.610	ng	95
65) 4,6-Dinitro-2-methylph...	15.994	198	53389	42.165	ng	89
66) n-Nitrosodiphenylamine	16.117	169	218762	37.722	ng	100
67) 4-Bromophenyl-phenylether	16.805	248	96234	37.596	ng	92
68) Hexachlorobenzene	16.934	284	101434	36.536	ng	94
69) Atrazine	17.063	200	91460	39.008	ng	94
70) Pentachlorophenol	17.275	266	53748	39.572	ng	96
71) Phenanthrene	17.668	178	409685	37.757	ng	97
72) Anthracene	17.762	178	397994	37.430	ng	98
73) Carbazole	18.027	167	397552	38.335	ng	99
74) Di-n-butylphthalate	18.567	149	440589	38.994	ng	98
75) Fluoranthene	19.671	202	515061	37.279	ng	99
77) Benzidine	19.836	184	189978	45.689	ng	98
78) Pyrene	20.030	202	510497	39.206	ng	99
80) Butylbenzylphthalate	20.899	149	188233	41.617	ng	95
81) Benzo(a)anthracene	21.921	228	491083	38.136	ng	99
82) 3,3'-Dichlorobenzidine	21.821	252	170816	37.998	ng	98
83) Chrysene	21.992	228	465501	38.148	ng	99
84) Bis(2-ethylhexyl)phtha...	21.798	149	254977	40.655	ng	99
85) Di-n-octyl phthalate	23.096	149	426202	40.533	ng	96
87) Indeno(1,2,3-cd)pyrene	29.429	276	552995	37.841	ng	# 97
88) Benzo(b)fluoranthene	24.306	252	473863	38.078	ng	99
89) Benzo(k)fluoranthene	24.383	252	469539	38.194	ng	99
90) Benzo(a)pyrene	25.252	252	399764	38.028	ng	99
91) Dibenzo(a,h)anthracene	29.493	278	454187	37.623	ng	97
92) Benzo(g,h,i)perylene	30.680	276	449145	37.910	ng	98

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

