

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051523\
 Data File : BF133381.D
 Acq On : 15 May 2023 12:25
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/16/2023
 Supervised By : Yogesh Patel 05/16/2023

Quant Time: May 16 03:41:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	253725	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	986088	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	494130	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	869033	20.000	ng	0.00
76) Chrysene-d12	13.886	240	521474	20.000	ng	0.00
86) Perylene-d12	15.304	264	437111	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1214223	72.292	ng	0.00
7) Phenol-d6	6.369	99	1490117	71.477	ng	0.00
23) Nitrobenzene-d5	7.293	82	1344797	73.612	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	363352	73.118	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	2177023	73.708	ng	0.00
79) Terphenyl-d14	12.833	244	2243898	74.212	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	281395	36.119	ng	95
3) Pyridine	3.063	79	761522	36.803	ng	96
4) n-Nitrosodimethylamine	3.034	42	352906	32.927	ng	91
6) Aniline	6.387	93	942416	35.098	ng	# 47
8) 2-Chlorophenol	6.510	128	626735	36.751	ng	96
9) Benzaldehyde	6.269	77	370010	37.682	ng	100
10) Phenol	6.387	94	782029	34.003	ng	# 64
11) bis(2-Chloroethyl)ether	6.463	93	622058	36.044	ng	98
12) 1,3-Dichlorobenzene	6.663	146	673367	37.139	ng	98
13) 1,4-Dichlorobenzene	6.740	146	664788	36.584	ng	98
14) 1,2-Dichlorobenzene	6.893	146	619907	37.003	ng	97
15) Benzyl Alcohol	6.875	79	496882	34.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	970433	32.374	ng	89
17) 2-Methylphenol	6.993	107	562918	36.048	ng	97
18) Hexachloroethane	7.234	117	234977	37.194	ng	97
19) n-Nitroso-di-n-propyla...	7.145	70	416119	32.062	ng	95
20) 3+4-Methylphenols	7.145	107	665080	36.165	ng	# 80
22) Acetophenone	7.140	105	845228	37.003	ng	96
24) Nitrobenzene	7.310	77	684568	36.979	ng	98
25) Isophorone	7.551	82	1244246	35.872	ng	98
26) 2-Nitrophenol	7.628	139	369871	41.424	ng	91
27) 2,4-Dimethylphenol	7.675	122	573996	37.490	ng	97
28) bis(2-Chloroethoxy)met...	7.763	93	746259	36.368	ng	99
29) 2,4-Dichlorophenol	7.875	162	530116	38.034	ng	98
30) 1,2,4-Trichlorobenzene	7.951	180	551570	38.198	ng	99
31) Naphthalene	8.034	128	1811987	36.753	ng	99
32) Benzoic acid	7.810	122	328692m	34.755	ng	
33) 4-Chloroaniline	8.087	127	795009	39.911	ng	97
34) Hexachlorobutadiene	8.151	225	301270	37.644	ng	98
35) Caprolactam	8.463	113	181907	38.850	ng	91
36) 4-Chloro-3-methylphenol	8.569	107	563335	37.480	ng	99
37) 2-Methylnaphthalene	8.722	142	1239689	36.779	ng	99
38) 1-Methylnaphthalene	8.822	142	1149138	36.444	ng	100
40) 1,2,4,5-Tetrachloroben...	8.892	216	504548	37.977	ng	99
41) Hexachlorocyclopentadiene	8.875	237	301068	38.856	ng	99
43) 2,4,6-Trichlorophenol	9.004	196	350356	38.132	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	405261	38.138	ng	99
46) 1,1'-Biphenyl	9.187	154	1439394	36.736	ng	99
47) 2-Chloronaphthalene	9.210	162	1097197	38.258	ng	99
48) 2-Nitroaniline	9.310	65	357834	37.753	ng	98
49) Acenaphthylene	9.622	152	1710779	37.333	ng	100
50) Dimethylphthalate	9.492	163	1324827	38.451	ng	99
51) 2,6-Dinitrotoluene	9.551	165	302886	39.058	ng	97
52) Acenaphthene	9.798	154	1130613m	36.839	ng	
53) 3-Nitroaniline	9.722	138	358129	38.840	ng	99
54) 2,4-Dinitrophenol	9.828	184	143853	36.905	ng	94
55) Dibenzofuran	9.969	168	1513940	36.162	ng	99
56) 4-Nitrophenol	9.892	139	261016	36.549	ng	97
57) 2,4-Dinitrotoluene	9.957	165	382415	38.668	ng	94
58) Fluorene	10.310	166	1134243	36.979	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.092	232	296619	36.006	ng	100
60) Diethylphthalate	10.186	149	1217496	37.410	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	548440	36.692	ng	99
62) 4-Nitroaniline	10.339	138	347139	40.962	ng	96
63) Azobenzene	10.463	77	1214667	35.232	ng	98
65) 4,6-Dinitro-2-methylph...	10.369	198	212775	40.395	ng	88
66) n-Nitrosodiphenylamine	10.422	169	1036310	36.763	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	345726	36.681	ng	98
68) Hexachlorobenzene	10.863	284	357399	37.006	ng	97
69) Atrazine	10.951	200	317415	39.078	ng	99
70) Pentachlorophenol	11.057	266	246145	35.786	ng	98
71) Phenanthrene	11.269	178	1681936	36.010	ng	100
72) Anthracene	11.322	178	1759296	36.805	ng	99
73) Carbazole	11.480	167	1557277	36.588	ng	100
74) Di-n-butylphthalate	11.810	149	1870677	38.838	ng	99
75) Fluoranthene	12.457	202	1674976	35.732	ng	99
77) Benzidine	12.580	184	450245m	51.057	ng	
78) Pyrene	12.686	202	1714057	38.344	ng	99
80) Butylbenzylphthalate	13.304	149	739247	46.705	ng	94
81) Benzo(a)anthracene	13.874	228	1243052	34.664	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	384286	38.792	ng	100
83) Chrysene	13.910	228	1279523	35.690	ng	100
84) Bis(2-ethylhexyl)phtha...	13.869	149	856627	43.118	ng	100
85) Di-n-octyl phthalate	14.480	149	1295671	39.997	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1087629	43.744	ng	99
88) Benzo(b)fluoranthene	14.898	252	1052714	37.856	ng	98
89) Benzo(k)fluoranthene	14.927	252	923930	33.517	ng	99
90) Benzo(a)pyrene	15.245	252	936371	36.994	ng	99
91) Dibenzo(a,h)anthracene	16.704	278	896674	43.239	ng	99
92) Benzo(g,h,i)perylene	17.110	276	913199	44.604	ng	96

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

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