

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133147.D
 Acq On : 01 May 2023 10:41
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

Quant Time: May 02 05:16:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.733	152	217083	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	848696	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	437359	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	726398	20.000	ng	0.00
76) Chrysene-d12	13.892	240	488634	20.000	ng	0.00
86) Perylene-d12	15.304	264	431751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1082474	75.326	ng	0.00
7) Phenol-d6	6.375	99	1345868	75.454	ng	0.00
23) Nitrobenzene-d5	7.304	82	1181247	75.127	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	325753	74.060	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1942183	74.293	ng	0.00
79) Terphenyl-d14	12.839	244	2010470	70.961	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.387	88	251084	37.669	ng	97
3) Pyridine	3.087	79	687623	38.840	ng	95
4) n-Nitrosodimethylamine	3.045	42	326025	35.554	ng	98
6) Aniline	6.398	93	878562	38.243	ng	98
8) 2-Chlorophenol	6.522	128	560147	38.391	ng	93
9) Benzaldehyde	6.281	77	326487	39.502	ng	99
10) Phenol	6.386	94	727434	36.968	ng	85
11) bis(2-Chloroethyl)ether	6.475	93	550308	37.268	ng	97
12) 1,3-Dichlorobenzene	6.675	146	582328	37.539	ng	98
13) 1,4-Dichlorobenzene	6.751	146	581895	37.428	ng	99
14) 1,2-Dichlorobenzene	6.904	146	547824	38.220	ng	96
15) Benzyl Alcohol	6.881	79	455526	36.971	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	882662	34.416	ng	96
17) 2-Methylphenol	6.998	107	518774	38.829	ng	99
18) Hexachloroethane	7.245	117	203734	37.692	ng	93
19) n-Nitroso-di-n-propyla...	7.157	70	379248	34.153	ng	96
20) 3+4-Methylphenols	7.151	107	582474	37.020	ng	97
22) Acetophenone	7.145	105	731081	37.187	ng	# 99
24) Nitrobenzene	7.322	77	600225	37.672	ng	100
25) Isophorone	7.557	82	1106525	37.066	ng	98
26) 2-Nitrophenol	7.633	139	319051	41.517	ng	97
27) 2,4-Dimethylphenol	7.680	122	510258	38.722	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	650337	36.824	ng	100
29) 2,4-Dichlorophenol	7.880	162	466313	38.872	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	470379	37.849	ng	99
31) Naphthalene	8.039	128	1601394	37.740	ng	99
32) Benzoic acid	7.804	122	365746m	44.934	ng	
33) 4-Chloroaniline	8.092	127	699336	40.791	ng	99
34) Hexachlorobutadiene	8.163	225	258273	37.496	ng	99
35) Caprolactam	8.469	113	163671	40.614	ng	91
36) 4-Chloro-3-methylphenol	8.575	107	509891	39.416	ng	99
37) 2-Methylnaphthalene	8.733	142	1083366	37.345	ng	99
38) 1-Methylnaphthalene	8.827	142	1025760	37.798	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	429292	36.506	ng	99
41) Hexachlorocyclopentadiene	8.886	237	253567	36.973	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	309133	38.012	ng	100

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44) 2,4,5-Trichlorophenol	9.051	196	361423	38.427	ng	98
46) 1,1'-Biphenyl	9.198	154	1275689	36.784	ng	98
47) 2-Chloronaphthalene	9.222	162	952907	37.540	ng	98
48) 2-Nitroaniline	9.316	65	318358	37.948	ng	98
49) Acenaphthylene	9.633	152	1503445	37.068	ng	100
50) Dimethylphthalate	9.498	163	1145794	37.572	ng	99
51) 2,6-Dinitrotoluene	9.557	165	266200	38.783	ng	93
52) Acenaphthene	9.804	154	1019468	37.529	ng	98
53) 3-Nitroaniline	9.727	138	320165	39.229	ng	100
54) 2,4-Dinitrophenol	9.827	184	145839	42.271	ng	96
55) Dibenzofuran	9.974	168	1366967	36.890	ng	98
56) 4-Nitrophenol	9.886	139	242261	38.326	ng	93
57) 2,4-Dinitrotoluene	9.963	165	344823	39.393	ng	# 81
58) Fluorene	10.321	166	960325	35.373	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	262872	36.051	ng	98
60) Diethylphthalate	10.198	149	1008968	35.027	ng	98
61) 4-Chlorophenyl-phenyle...	10.310	204	469329	35.475	ng	95
62) 4-Nitroaniline	10.339	138	304006	40.528	ng	96
63) Azobenzene	10.474	77	984227	32.254	ng	94
65) 4,6-Dinitro-2-methylph...	10.369	198	188798	42.881	ng	92
66) n-Nitrosodiphenylamine	10.433	169	883532	37.497	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	295341	37.488	ng	96
68) Hexachlorobenzene	10.869	284	311448	38.580	ng	98
69) Atrazine	10.963	200	262804	38.708	ng	97
70) Pentachlorophenol	11.063	266	227067	39.495	ng	97
71) Phenanthrene	11.280	178	1453296	37.224	ng	100
72) Anthracene	11.327	178	1496938	37.466	ng	99
73) Carbazole	11.486	167	1344063	37.779	ng	99
74) Di-n-butylphthalate	11.821	149	1546535	38.413	ng	99
75) Fluoranthene	12.463	202	1505950	38.434	ng	99
77) Benzidine	12.586	184	395520	47.866	ng	# 93
78) Pyrene	12.692	202	1537137	36.697	ng	100
80) Butylbenzylphthalate	13.315	149	628612	42.385	ng	99
81) Benzo(a)anthracene	13.880	228	1241796	36.956	ng	98
82) 3,3'-Dichlorobenzidine	13.845	252	385060	41.482	ng	100
83) Chrysene	13.915	228	1256480	37.402	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	760639	40.860	ng	99
85) Di-n-octyl phthalate	14.492	149	1309919	43.155	ng	97
87) Indeno(1,2,3-cd)pyrene	16.686	276	964999	39.293	ng	99
88) Benzo(b)fluoranthene	14.904	252	1020417	37.150	ng	98
89) Benzo(k)fluoranthene	14.933	252	1039814	38.189	ng	99
90) Benzo(a)pyrene	15.251	252	946793	37.870	ng	99
91) Dibenzo(a,h)anthracene	16.703	278	806007	39.349	ng	98
92) Benzo(g,h,i)perylene	17.103	276	819752	40.537	ng	97

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

