

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133288.D
 Acq On : 08 May 2023 11:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 09 11:39:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/09/2023
 Supervised By : Jagrut Upadhyay 05/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	219011	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	857083	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	442634	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	775656	20.000	ng	0.00
76) Chrysene-d12	13.880	240	464707	20.000	ng	0.00
86) Perylene-d12	15.292	264	396136	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1091461	75.283	ng	0.00
7) Phenol-d6	6.369	99	1360499	75.603	ng	0.00
23) Nitrobenzene-d5	7.292	82	1222671	77.001	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	329362	73.988	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2028367	76.665	ng	0.00
79) Terphenyl-d14	12.833	244	2030161	75.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.369	88	245968	36.576	ng	98
3) Pyridine	3.063	79	681954	38.181	ng	96
4) n-Nitrosodimethylamine	3.034	42	331553	35.838	ng	99
6) Aniline	6.392	93	863019	37.235	ng	98
8) 2-Chlorophenol	6.510	128	563995	38.314	ng	97
9) Benzaldehyde	6.269	77	325591	38.805	ng	97
10) Phenol	6.386	94	722325	36.385	ng	# 68
11) bis(2-Chloroethyl)ether	6.463	93	567663	38.105	ng	99
12) 1,3-Dichlorobenzene	6.663	146	587772	37.556	ng	98
13) 1,4-Dichlorobenzene	6.739	146	596268	38.015	ng	99
14) 1,2-Dichlorobenzene	6.898	146	551980	38.171	ng	99
15) Benzyl Alcohol	6.875	79	460071	37.012	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.010	45	889927	34.394	ng	96
17) 2-Methylphenol	6.992	107	507420	37.645	ng	98
18) Hexachloroethane	7.239	117	206835	37.929	ng	98
19) n-Nitroso-di-n-propyla...	7.145	70	383320	34.216	ng	96
20) 3+4-Methylphenols	7.145	107	593770	37.405	ng	# 87
22) Acetophenone	7.139	105	753997	37.977	ng	# 97
24) Nitrobenzene	7.316	77	621301	38.613	ng	97
25) Isophorone	7.551	82	1147904	38.075	ng	99
26) 2-Nitrophenol	7.628	139	321360	41.408	ng	95
27) 2,4-Dimethylphenol	7.675	122	513738	38.605	ng	99
28) bis(2-Chloroethoxy)met...	7.763	93	672047	37.681	ng	99
29) 2,4-Dichlorophenol	7.875	162	476306	39.317	ng	97
30) 1,2,4-Trichlorobenzene	7.951	180	485256	38.664	ng	100
31) Naphthalene	8.033	128	1648651	38.474	ng	100
32) Benzoic acid	7.804	122	338240m	41.148	ng	
33) 4-Chloroaniline	8.086	127	716544	41.386	ng	98
34) Hexachlorobutadiene	8.151	225	270695	38.915	ng	98
35) Caprolactam	8.463	113	169996	41.771	ng	94
36) 4-Chloro-3-methylphenol	8.569	107	515978	39.496	ng	99
37) 2-Methylnaphthalene	8.722	142	1144039	39.050	ng	100
38) 1-Methylnaphthalene	8.822	142	1058494	38.622	ng	99
40) 1,2,4,5-Tetrachloroben...	8.892	216	452258	38.001	ng	99
41) Hexachlorocyclopentadiene	8.875	237	234579	33.797	ng	100
43) 2,4,6-Trichlorophenol	9.004	196	320546	38.946	ng	98

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44) 2,4,5-Trichlorophenol	9.045	196	372430	39.126	ng	99
46) 1,1'-Biphenyl	9.186	154	1344073	38.294	ng	99
47) 2-Chloronaphthalene	9.210	162	984639	38.328	ng	99
48) 2-Nitroaniline	9.310	65	335053	39.462	ng	98
49) Acenaphthylene	9.622	152	1578134	38.445	ng	100
50) Dimethylphthalate	9.492	163	1195941	38.749	ng	99
51) 2,6-Dinitrotoluene	9.551	165	273099	39.314	ng	97
52) Acenaphthene	9.798	154	973860	35.423	ng	100
53) 3-Nitroaniline	9.722	138	329575	39.901	ng	98
54) 2,4-Dinitrophenol	9.827	184	134215	38.438	ng	93
55) Dibenzofuran	9.969	168	1419948	37.863	ng	98
56) 4-Nitrophenol	9.886	139	228297	35.686	ng	90
57) 2,4-Dinitrotoluene	9.957	165	360776	40.724	ng	88
58) Fluorene	10.310	166	1041278	37.898	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	274217	37.159	ng	98
60) Diethylphthalate	10.186	149	1141435	39.153	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	491828	36.732	ng	96
62) 4-Nitroaniline	10.333	138	323096	42.560	ng	97
63) Azobenzene	10.463	77	1157193	37.470	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	200792	42.709	ng	81
66) n-Nitrosodiphenylamine	10.427	169	979945	38.948	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	322664	38.356	ng	97
68) Hexachlorobenzene	10.857	284	330623	38.355	ng	94
69) Atrazine	10.951	200	292030	40.281	ng	99
70) Pentachlorophenol	11.051	266	211105	34.386	ng	99
71) Phenanthrene	11.269	178	1573300	37.739	ng	100
72) Anthracene	11.321	178	1620863	37.991	ng	99
73) Carbazole	11.474	167	1462664	38.502	ng	98
74) Di-n-butylphthalate	11.810	149	1763896	41.029	ng	100
75) Fluoranthene	12.457	202	1577952	37.714	ng	97
77) Benzidine	12.574	184	386963m	49.242	ng	
78) Pyrene	12.680	202	1617523	40.604	ng	98
80) Butylbenzylphthalate	13.304	149	681959	48.349	ng	96
81) Benzo(a)anthracene	13.868	228	1163111	36.397	ng	100
82) 3,3'-Dichlorobenzidine	13.833	252	351707	39.840	ng	99
83) Chrysene	13.910	228	1185796	37.116	ng	100
84) Bis(2-ethylhexyl)phtha...	13.868	149	767855	43.371	ng	99
85) Di-n-octyl phthalate	14.480	149	1217318	42.169	ng	98
87) Indeno(1,2,3-cd)pyrene	16.674	276	949864	42.154	ng	99
88) Benzo(b)fluoranthene	14.892	252	930390	36.918	ng	99
89) Benzo(k)fluoranthene	14.921	252	946566	37.890	ng	99
90) Benzo(a)pyrene	15.239	252	886051	38.627	ng	98
91) Dibenzo(a,h)anthracene	16.692	278	789735	42.021	ng	97
92) Benzo(g,h,i)perylene	17.086	276	794893	42.842	ng	97

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

