

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021623\
 Data File : BF132432.D
 Acq On : 16 Feb 2023 14:03
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/17/2023
 Supervised By : Jagrut Upadhyay 02/17/2023

Quant Time: Feb 17 03:00:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 02:36:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	177572	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	600987	20.000	ng	0.00
39) Acenaphthene-d10	10.084	164	317837	20.000	ng	0.00
64) Phenanthrene-d10	11.578	188	612867	20.000	ng	0.00
76) Chrysene-d12	14.242	240	381502	20.000	ng	0.00
86) Perylene-d12	15.801	264	360473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.654	112	1466004	132.288	ng	0.00
7) Phenol-d6	6.666	99	1946468	134.515	ng	0.02
23) Nitrobenzene-d5	7.607	82	1861143	148.800	ng	0.01
42) 2,4,6-Tribromophenol	10.884	330	472942	149.137	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	2587818	125.792	ng	0.00
79) Terphenyl-d14	13.178	244	3083867	147.217	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.913	88	435883	72.708	ng	99
3) Pyridine	3.690	79	1235796	75.942	ng	99
4) n-Nitrosodimethylamine	3.666	42	492664	76.678	ng	96
6) Aniline	6.707	93	1443384	71.581	ng	99
8) 2-Chlorophenol	6.825	128	743785	65.744	ng	95
10) Phenol	6.678	94	1038593	67.728	ng	95
11) bis(2-Chloroethyl)ether	6.772	93	904316	69.522	ng	99
12) 1,3-Dichlorobenzene	6.978	146	818732	66.432	ng	99
13) 1,4-Dichlorobenzene	7.054	146	805104	65.487	ng	99
14) 1,2-Dichlorobenzene	7.207	146	713734	63.367	ng	96
15) Benzyl Alcohol	7.178	79	785092	73.350	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.307	45	1236847	68.387	ng	98
17) 2-Methylphenol	7.284	107	752239	69.847	ng	99
18) Hexachloroethane	7.548	117	330040	71.099	ng	93
19) n-Nitroso-di-n-propyla...	7.454	70	610129	68.778	ng	100
20) 3+4-Methylphenols	7.437	107	851727	64.053	ng	# 88
22) Acetophenone	7.448	105	1039171	66.717	ng	# 96
24) Nitrobenzene	7.625	77	1014550	73.983	ng	97
25) Isophorone	7.860	82	1901292	77.359	ng	99
26) 2-Nitrophenol	7.937	139	423855	79.510	ng	96
27) 2,4-Dimethylphenol	7.966	122	705323	73.281	ng	98
28) bis(2-Chloroethoxy)met...	8.066	93	1026098	71.441	ng	99
29) 2,4-Dichlorophenol	8.178	162	659702	72.653	ng	98
30) 1,2,4-Trichlorobenzene	8.260	180	715346	70.837	ng	98
31) Naphthalene	8.348	128	2070119	66.374	ng	99
32) Benzoic acid	8.113	122	597097	80.179	ng	97
33) 4-Chloroaniline	8.390	127	902405	69.640	ng	99
34) Hexachlorobutadiene	8.454	225	459934	72.141	ng	99
35) Caprolactam	8.790	113	242388m	82.225	ng	
36) 4-Chloro-3-methylphenol	8.872	107	763135	75.111	ng	99
37) 2-Methylnaphthalene	9.037	142	1427571	68.011	ng	99
38) 1-Methylnaphthalene	9.137	142	1342281	68.066	ng	100
40) 1,2,4,5-Tetrachloroben...	9.201	216	710430	68.982	ng	99
41) Hexachlorocyclopentadiene	9.190	237	474819	83.941	ng	100
43) 2,4,6-Trichlorophenol	9.313	196	503935	74.280	ng	100
44) 2,4,5-Trichlorophenol	9.354	196	581476	73.586	ng	97

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46) 1,1'-Biphenyl	9.507	154	1632939	66.380	ng	99
47) 2-Chloronaphthalene	9.531	162	1329923	68.878	ng	99
48) 2-Nitroaniline	9.625	65	538366	79.469	ng	99
49) Acenaphthylene	9.948	152	2057277	67.061	ng	99
50) Dimethylphthalate	9.807	163	1665175	71.143	ng	100
51) 2,6-Dinitrotoluene	9.866	165	383888	75.418	ng	91
52) Acenaphthene	10.125	154	1344714	70.436	ng	99
53) 3-Nitroaniline	10.042	138	454233	77.724	ng	91
54) 2,4-Dinitrophenol	10.142	184	253228	80.109	ng	# 91
55) Dibenzofuran	10.295	168	1884634	66.534	ng	97
56) 4-Nitrophenol	10.189	139	348107	82.102	ng	85
57) 2,4-Dinitrotoluene	10.272	165	515439	76.925	ng	92
58) Fluorene	10.637	166	1438265	67.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.407	232	443494	74.261	ng	99
60) Diethylphthalate	10.501	149	1614617	70.174	ng	99
61) 4-Chlorophenyl-phenyle...	10.625	204	752879	67.133	ng	99
62) 4-Nitroaniline	10.666	138	401020	73.537	ng	95
63) Azobenzene	10.789	77	1793296	70.441	ng	99
65) 4,6-Dinitro-2-methylph...	10.684	198	318810	83.671	ng	80
66) n-Nitrosodiphenylamine	10.748	169	1309351	69.607	ng	99
67) 4-Bromophenyl-phenylether	11.119	248	478093	71.176	ng	97
68) Hexachlorobenzene	11.189	284	496452	70.705	ng	98
69) Atrazine	11.272	200	424173	73.261	ng	99
70) Pentachlorophenol	11.378	266	365706	79.671	ng	99
71) Phenanthrene	11.607	178	2131552	67.529	ng	99
72) Anthracene	11.660	178	2204165	67.927	ng	99
73) Carbazole	11.813	167	2023017	69.259	ng	99
74) Di-n-butylphthalate	12.131	149	2428829	69.812	ng	99
75) Fluoranthene	12.807	202	2394399	68.019	ng	98
77) Benzidine	12.919	184	619457	76.254	ng	97
78) Pyrene	13.036	202	2484281	76.655	ng	99
80) Butylbenzylphthalate	13.642	149	998282	82.549	ng	96
81) Benzo(a)anthracene	14.230	228	2090517	74.818	ng	99
82) 3,3'-Dichlorobenzidine	14.189	252	517613	69.354	ng	99
83) Chrysene	14.272	228	1956906	73.302	ng	100
84) Bis(2-ethylhexyl)phtha...	14.201	149	1204043	76.912	ng	# 98
85) Di-n-octyl phthalate	14.830	149	1944328	85.534	ng	100
87) Indeno(1,2,3-cd)pyrene	17.430	276	2027233	87.977	ng	99
88) Benzo(b)fluoranthene	15.336	252	1773118	74.799	ng	99
89) Benzo(k)fluoranthene	15.371	252	1680693	70.850	ng	100
90) Benzo(a)pyrene	15.742	252	1693861	76.890	ng	99
91) Dibenzo(a,h)anthracene	17.454	278	1613611	85.022	ng	99
92) Benzo(g,h,i)perylene	17.936	276	1750937	89.834	ng	98

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

