

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128147.D
 Acq On : 09 May 2022 14:20
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 14:46:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 14:06:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	102114	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	375519	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	215193	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	388256	20.000	ng	0.00
76) Chrysene-d12	14.080	240	269258	20.000	ng	0.00
86) Perylene-d12	15.574	264	221248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	716759	111.801	ng	0.00
7) Phenol-d6	6.534	99	950198	114.223	ng	0.00
23) Nitrobenzene-d5	7.469	82	968206	121.243	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	284894	131.513	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1501413	118.034	ng	0.00
79) Terphenyl-d14	13.021	244	1700899	115.510	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	165733	54.181	ng	98
3) Pyridine	3.487	79	439907	56.128	ng	98
4) n-Nitrosodimethylamine	3.469	42	225517	59.445	ng	92
6) Aniline	6.569	93	549848	55.632	ng	98
8) 2-Chlorophenol	6.687	128	362897	54.538	ng	99
9) Benzaldehyde	6.451	77	208703	40.554	ng	95
10) Phenol	6.545	94	503632	60.027	ng	88
11) bis(2-Chloroethyl)ether	6.640	93	383217	55.061	ng	99
12) 1,3-Dichlorobenzene	6.840	146	414330	54.095	ng	97
13) 1,4-Dichlorobenzene	6.916	146	415387	54.333	ng	97
14) 1,2-Dichlorobenzene	7.069	146	382242	54.008	ng	97
15) Benzyl Alcohol	7.045	79	382275	67.575	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	568423	53.437	ng	100
17) 2-Methylphenol	7.151	107	314767	54.827	ng	94
18) Hexachloroethane	7.404	117	159287	56.673	ng	94
19) n-Nitroso-di-n-propyla...	7.322	70	294518	57.836	ng	98
20) 3+4-Methylphenols	7.304	107	378189	54.530	ng	96
22) Acetophenone	7.316	105	523597	57.207	ng	97
24) Nitrobenzene	7.487	77	446733	58.055	ng	98
25) Isophorone	7.728	82	770901	57.357	ng	99
26) 2-Nitrophenol	7.798	139	198255	60.461	ng	97
27) 2,4-Dimethylphenol	7.834	122	304664	55.938	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	479755	55.697	ng	99
29) 2,4-Dichlorophenol	8.039	162	318487	55.817	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	359718	55.500	ng	99
31) Naphthalene	8.204	128	1054336	55.126	ng	100
32) Benzoic acid	7.986	122	256898	65.806	ng	94
33) 4-Chloroaniline	8.257	127	427503	56.492	ng	98
34) Hexachlorobutadiene	8.310	225	239536	58.674	ng	98
35) Caprolactam	8.651	113	105993m	57.548	ng	
36) 4-Chloro-3-methylphenol	8.739	107	356271	58.464	ng	98
37) 2-Methylnaphthalene	8.892	142	706613	55.903	ng	99
38) 1-Methylnaphthalene	8.992	142	675417	54.975	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	363395	57.292	ng	100
41) Hexachlorocyclopentadiene	9.039	237	172218	50.114	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	241861	57.951	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	253667	55.911	ng	99
46) 1,1'-Biphenyl	9.363	154	878715	55.125	ng	99
47) 2-Chloronaphthalene	9.386	162	653632	53.864	ng	97
48) 2-Nitroaniline	9.486	65	248996	60.660	ng	94
49) Acenaphthylene	9.804	152	981073	52.853	ng	100
50) Dimethylphthalate	9.669	163	799045	55.366	ng	99
51) 2,6-Dinitrotoluene	9.733	165	176839	56.594	ng	94
52) Acenaphthene	9.975	154	700282m	56.115	ng	
53) 3-Nitroaniline	9.904	138	189009	54.472	ng	95
54) 2,4-Dinitrophenol	10.010	184	109442	66.506	ng	# 85
55) Dibenzofuran	10.151	168	945472	52.512	ng	98
56) 4-Nitrophenol	10.063	139	139338	52.589	ng	92
57) 2,4-Dinitrotoluene	10.139	165	232437	56.158	ng	# 81
58) Fluorene	10.492	166	736201	54.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	217327	56.963	ng	98
60) Diethylphthalate	10.363	149	773776	54.676	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	369327	55.319	ng	97
62) 4-Nitroaniline	10.528	138	188499	55.567	ng	93
63) Azobenzene	10.645	77	862866	55.410	ng	97
65) 4,6-Dinitro-2-methylph...	10.551	198	154934	67.159	ng	98
66) n-Nitrosodiphenylamine	10.604	169	650537	53.848	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	242109	56.252	ng	94
68) Hexachlorobenzene	11.039	284	265517	58.552	ng	94
69) Atrazine	11.133	200	217139	58.126	ng	96
70) Pentachlorophenol	11.233	266	146206	54.805	ng	97
71) Phenanthrene	11.457	178	1096631	53.959	ng	100
72) Anthracene	11.510	178	1093450	54.011	ng	100
73) Carbazole	11.669	167	1017531	52.149	ng	99
74) Di-n-butylphthalate	11.986	149	1193167	54.382	ng	99
75) Fluoranthene	12.651	202	1180712	55.200	ng	97
77) Benzidine	12.769	184	289733	56.869	ng	98
78) Pyrene	12.880	202	1179672	54.273	ng	99
80) Butylbenzylphthalate	13.492	149	505851	59.376	ng	91
81) Benzo(a)anthracene	14.068	228	1022844	56.993	ng	98
82) 3,3'-Dichlorobenzidine	14.027	252	205631	36.086	ng	100
83) Chrysene	14.110	228	969244	56.549	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	672091	59.488	ng	99
85) Di-n-octyl phthalate	14.657	149	1065554	60.860	ng	100
87) Indeno(1,2,3-cd)pyrene	17.109	276	796261	53.919	ng	96
88) Benzo(b)fluoranthene	15.133	252	849034	61.098	ng	99
89) Benzo(k)fluoranthene	15.168	252	749394	53.527	ng	98
90) Benzo(a)pyrene	15.515	252	653185	56.666	ng	# 97
91) Dibenzo(a,h)anthracene	17.121	278	651545	55.012	ng	# 96
92) Benzo(g,h,i)perylene	17.568	276	665430	53.313	ng	96

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

