

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132506.D
 Acq On : 22 Feb 2023 15:24
 Operator : CG\JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/23/2023
 Supervised By : Jagrut Upadhyay 02/23/2023

Quant Time: Feb 23 00:29:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:06:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.013	152	221968	20.000	ng	0.00
21) Naphthalene-d8	8.301	136	757982	20.000	ng	0.00
39) Acenaphthene-d10	10.066	164	404426	20.000	ng	0.00
64) Phenanthrene-d10	11.560	188	770159	20.000	ng	0.00
76) Chrysene-d12	14.218	240	419238	20.000	ng	0.00
86) Perylene-d12	15.765	264	395574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.643	112	1450338	106.045	ng	0.00
7) Phenol-d6	6.654	99	1906632	106.819	ng	0.01
23) Nitrobenzene-d5	7.584	82	1819179	113.868	ng	0.00
42) 2,4,6-Tribromophenol	10.860	330	501204	114.754	ng	0.00
45) 2-Fluorobiphenyl	9.378	172	2624966	98.830	ng	0.00
79) Terphenyl-d14	13.148	244	2983084	120.305	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.896	88	439100	58.041	ng	99
3) Pyridine	3.672	79	1180941	58.807	ng	99
4) n-Nitrosodimethylamine	3.649	42	451767	59.558	ng	95
6) Aniline	6.684	93	1341656	55.854	ng	100
8) 2-Chlorophenol	6.807	128	746412	52.584	ng	98
9) Benzaldehyde	6.566	77	501198	52.038	ng	98
10) Phenol	6.666	94	1077963	52.677	ng	92
11) bis(2-Chloroethyl)ether	6.748	93	870812	55.123	ng	100
12) 1,3-Dichlorobenzene	6.954	146	819042	53.769	ng	98
13) 1,4-Dichlorobenzene	7.031	146	804988	52.924	ng	98
14) 1,2-Dichlorobenzene	7.190	146	724584	49.638	ng	99
15) Benzyl Alcohol	7.160	79	759506	55.251	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.284	45	1066151	52.923	ng	87
17) 2-Methylphenol	7.266	107	712276	53.767	ng	99
18) Hexachloroethane	7.525	117	330978	55.699	ng	98
19) n-Nitroso-di-n-propyla...	7.437	70	572804	52.144	ng	95
22) Acetophenone	7.431	105	1025852	53.673	ng	# 89
24) Nitrobenzene	7.607	77	979835	57.346	ng	99
25) Isophorone	7.837	82	1781618	58.166	ng	99
26) 2-Nitrophenol	7.913	139	437844	58.079	ng	94
27) 2,4-Dimethylphenol	7.954	122	657590	55.267	ng	99
28) bis(2-Chloroethoxy)met...	8.042	93	999077	55.758	ng	99
29) 2,4-Dichlorophenol	8.160	162	660572	55.811	ng	96
30) 1,2,4-Trichlorobenzene	8.237	180	721400	56.131	ng	99
31) Naphthalene	8.325	128	2069747	53.339	ng	99
32) Benzoic acid	8.095	122	594020m	63.248	ng	
33) 4-Chloroaniline	8.372	127	928185	55.820	ng	99
34) Hexachlorobutadiene	8.431	225	466918	57.172	ng	99
35) Caprolactam	8.772	113	232229m	60.822	ng	
36) 4-Chloro-3-methylphenol	8.854	107	740894	56.999	ng	99
37) 2-Methylnaphthalene	9.013	142	1430988	54.113	ng	99
38) 1-Methylnaphthalene	9.113	142	1343970	54.382	ng	99
40) 1,2,4,5-Tetrachloroben...	9.184	216	728478	55.055	ng	100
41) Hexachlorocyclopentadiene	9.166	237	461868	64.355	ng	99
43) 2,4,6-Trichlorophenol	9.295	196	510713	56.954	ng	99
44) 2,4,5-Trichlorophenol	9.342	196	595500	56.899	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.483	154	1631364	53.294	ng	99
47) 2-Chloronaphthalene	9.507	162	1313852	54.136	ng	98
48) 2-Nitroaniline	9.607	65	513931	57.497	ng	99
49) Acenaphthylene	9.931	152	2050152	53.078	ng	99
50) Dimethylphthalate	9.783	163	1647560	55.949	ng	99
51) 2,6-Dinitrotoluene	9.848	165	376337	56.117	ng	98
52) Acenaphthene	10.101	154	1362028	56.413	ng	99
53) 3-Nitroaniline	10.025	138	429708	57.280	ng	100
54) 2,4-Dinitrophenol	10.125	184	256799	61.209	ng	98
55) Dibenzofuran	10.272	168	1902795	53.217	ng	96
56) 4-Nitrophenol	10.183	139	337002	60.237	ng	95
57) 2,4-Dinitrotoluene	10.254	165	508399	56.983	ng	99
58) Fluorene	10.619	166	1458118	53.314	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.389	232	450672	57.968	ng	99
60) Diethylphthalate	10.483	149	1578578	54.889	ng	99
61) 4-Chlorophenyl-phenyle...	10.601	204	766676	54.036	ng	98
62) 4-Nitroaniline	10.648	138	429045	58.572	ng	99
63) Azobenzene	10.766	77	1679026	55.125	ng	97
65) 4,6-Dinitro-2-methylph...	10.666	198	320481	61.470	ng	98
66) n-Nitrosodiphenylamine	10.725	169	1304727	54.340	ng	99
67) 4-Bromophenyl-phenylether	11.095	248	491407	56.408	ng	95
68) Hexachlorobenzene	11.166	284	510842	55.728	ng	94
69) Atrazine	11.248	200	415798	55.471	ng	97
70) Pentachlorophenol	11.360	266	340782	63.408	ng	99
71) Phenanthrene	11.589	178	2122369	53.195	ng	99
72) Anthracene	11.642	178	2174242	52.920	ng	99
73) Carbazole	11.795	167	1970566	53.197	ng	99
74) Di-n-butylphthalate	12.107	149	2373961	54.634	ng	99
75) Fluoranthene	12.783	202	2317112	53.124	ng	99
77) Benzidine	12.895	184	619424	60.695	ng	97
78) Pyrene	13.013	202	2359070	61.892	ng	99
80) Butylbenzylphthalate	13.619	149	926078	61.569	ng	96
81) Benzo(a)anthracene	14.207	228	1835510	58.515	ng	98
82) 3,3'-Dichlorobenzidine	14.166	252	508120	54.944	ng	99
83) Chrysene	14.248	228	1692900	57.713	ng	99
84) Bis(2-ethylhexyl)phtha...	14.171	149	1088273	58.897	ng	100
85) Di-n-octyl phthalate	14.801	149	1569337	58.121	ng	100
87) Indeno(1,2,3-cd)pyrene	17.383	276	1732555	66.843	ng	99
88) Benzo(b)fluoranthene	15.307	252	1457978	54.998	ng	99
89) Benzo(k)fluoranthene	15.342	252	1460053	56.276	ng	99
90) Benzo(a)pyrene	15.707	252	1433356	57.772	ng	99
91) Dibenzo(a,h)anthracene	17.407	278	1389992	65.818	ng	98
92) Benzo(g,h,i)perylene	17.883	276	1507093	62.638	ng	99

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

