

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130238.D
 Acq On : 14 Sep 2022 14:16
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/15/2022
 Supervised By : Jagrut Upadhyay 09/15/2022

Quant Time: Sep 14 14:37:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:08:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	110499	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	394311	20.000	ng	0.00
39) Acenaphthene-d10	9.716	164	192786	20.000	ng	0.00
64) Phenanthrene-d10	11.192	188	317533	20.000	ng	0.00
76) Chrysene-d12	13.821	240	183271	20.000	ng	0.00
86) Perylene-d12	15.209	264	168084	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	948654	129.525	ng	0.00
7) Phenol-d6	6.328	99	1172079	127.245	ng	0.01
23) Nitrobenzene-d5	7.257	82	1224686	168.862	ng	0.00
42) 2,4,6-Tribromophenol	10.504	330	316518	175.833	ng	0.00
45) 2-Fluorobiphenyl	9.045	172	2080191	161.741	ng	0.00
79) Terphenyl-d14	12.780	244	1806626	164.787	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.310	88	212641m	41.144	ng	
3) Pyridine	3.004	79	572923	64.715	ng	100
4) n-Nitrosodimethylamine	2.981	42	315625	71.439	ng	94
6) Aniline	6.351	93	721691	66.820	ng	99
8) 2-Chlorophenol	6.469	128	539325	67.873	ng	98
9) Benzaldehyde	6.234	77	337996	62.972	ng	98
10) Phenol	6.339	94	681223	67.691	ng	87
11) bis(2-Chloroethyl)ether	6.428	93	488817	66.838	ng	100
12) 1,3-Dichlorobenzene	6.622	146	590707	73.119	ng	99
13) 1,4-Dichlorobenzene	6.698	146	600288	72.039	ng	98
14) 1,2-Dichlorobenzene	6.857	146	557165	71.228	ng	97
15) Benzyl Alcohol	6.839	79	477629	76.790	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.969	45	692583	66.279	ng	98
17) 2-Methylphenol	6.939	107	436733	68.714	ng	97
18) Hexachloroethane	7.192	117	238174	69.978	ng	99
19) n-Nitroso-di-n-propyla...	7.116	70	395668	69.876	ng	99
20) 3+4-Methylphenols	7.104	107	555133	67.454	ng	92
22) Acetophenone	7.104	105	740810	81.766	ng	# 98
24) Nitrobenzene	7.275	77	613019	85.454	ng	99
25) Isophorone	7.516	82	980574	79.191	ng	100
26) 2-Nitrophenol	7.586	139	270476	81.381	ng	96
27) 2,4-Dimethylphenol	7.628	122	393146	77.472	ng	98
28) bis(2-Chloroethoxy)met...	7.728	93	543891	76.208	ng	100
29) 2,4-Dichlorophenol	7.828	162	437081	79.541	ng	99
30) 1,2,4-Trichlorobenzene	7.904	180	465742	79.058	ng	99
31) Naphthalene	7.986	128	1572204	78.686	ng	99
32) Benzoic acid	7.786	122	335289	84.194	ng	97
33) 4-Chloroaniline	8.045	127	596783	73.053	ng	99
34) Hexachlorobutadiene	8.104	225	299575	87.208	ng	99
35) Caprolactam	8.445	113	126967m	71.965	ng	
36) 4-Chloro-3-methylphenol	8.528	107	472571	76.263	ng	95
37) 2-Methylnaphthalene	8.680	142	1003958	77.207	ng	100
38) 1-Methylnaphthalene	8.775	142	964014	75.561	ng	100
40) 1,2,4,5-Tetrachloroben...	8.839	216	434668	82.425	ng	100
41) Hexachlorocyclopentadiene	8.828	237	252718	93.020	ng	98
43) 2,4,6-Trichlorophenol	8.957	196	301310	80.078	ng	92

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44) 2,4,5-Trichlorophenol	8.992	196	335208	85.477	ng	94
46) 1,1'-Biphenyl	9.145	154	1135591	77.267	ng	99
47) 2-Chloronaphthalene	9.169	162	928439	79.475	ng	99
48) 2-Nitroaniline	9.269	65	322777	82.708	ng	98
49) Acenaphthylene	9.580	152	1357936	75.466	ng	100
50) Dimethylphthalate	9.457	163	1060131	79.876	ng	100
51) 2,6-Dinitrotoluene	9.516	165	232952	80.426	ng	# 86
52) Acenaphthene	9.751	154	922454m	81.382	ng	
53) 3-Nitroaniline	9.680	138	258289	77.590	ng	97
54) 2,4-Dinitrophenol	9.780	184	122333	93.336	ng	94
55) Dibenzofuran	9.922	168	1244256	78.958	ng	98
56) 4-Nitrophenol	9.839	139	191083	76.161	ng	97
57) 2,4-Dinitrotoluene	9.916	165	301927	82.542	ng	95
58) Fluorene	10.263	166	1040486	82.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.039	232	256626	84.203	ng	98
60) Diethylphthalate	10.151	149	1064829	82.567	ng	99
61) 4-Chlorophenyl-phenyle...	10.257	204	464842	86.792	ng	97
62) 4-Nitroaniline	10.304	138	255187	76.181	ng	98
63) Azobenzene	10.422	77	1069046	82.782	ng	97
65) 4,6-Dinitro-2-methylph...	10.322	198	161296	77.978	ng	90
66) n-Nitrosodiphenylamine	10.380	169	851964	75.868	ng	100
67) 4-Bromophenyl-phenylether	10.745	248	290497	80.968	ng	95
68) Hexachlorobenzene	10.804	284	328600	83.576	ng	# 92
69) Atrazine	10.910	200	247755	83.531	ng	98
70) Pentachlorophenol	10.998	266	191831	87.268	ng	99
71) Phenanthrene	11.221	178	1386575	75.248	ng	99
72) Anthracene	11.274	178	1337648	75.052	ng	99
73) Carbazole	11.427	167	1216323	74.259	ng	99
74) Di-n-butylphthalate	11.763	149	1488404	76.755	ng	100
75) Fluoranthene	12.404	202	1316001	65.941	ng	98
77) Benzidine	12.527	184	363933	81.115	ng	97
78) Pyrene	12.633	202	1294560	79.067	ng	99
80) Butylbenzylphthalate	13.257	149	500315	79.902	ng	99
81) Benzo(a)anthracene	13.810	228	979072	76.597	ng	100
82) 3,3'-Dichlorobenzidine	13.780	252	265365	71.346	ng	99
83) Chrysene	13.851	228	918097	74.591	ng	98
84) Bis(2-ethylhexyl)phtha...	13.815	149	602570	86.143	ng	# 98
85) Di-n-octyl phthalate	14.427	149	963764	102.861	ng	100
87) Indeno(1,2,3-cd)pyrene	16.556	276	1074437	88.037	ng	99
88) Benzo(b)fluoranthene	14.827	252	887918	75.330	ng	98
89) Benzo(k)fluoranthene	14.857	252	834357	75.297	ng	98
90) Benzo(a)pyrene	15.162	252	721839	79.333	ng	# 96
91) Dibenzo(a,h)anthracene	16.580	278	891819	89.742	ng	99
92) Benzo(g,h,i)perylene	16.968	276	889512	87.678	ng	99

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

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