

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130314.D
 Acq On : 19 Sep 2022 11:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/20/2022
 Supervised By : Jagrut Upadhyay 09/20/2022

Quant Time: Sep 19 15:06:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	118898	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	445950	20.000	ng	0.00
39) Acenaphthene-d10	9.692	164	221853	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	367312	20.000	ng	0.00
76) Chrysene-d12	13.804	240	225150	20.000	ng	0.00
86) Perylene-d12	15.186	264	181297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	530501	77.389	ng	0.00
7) Phenol-d6	6.298	99	655602	76.435	ng	0.00
23) Nitrobenzene-d5	7.234	82	662539	75.901	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	176882	83.208	ng	0.00
45) 2-Fluorobiphenyl	9.022	172	1206317	79.180	ng	0.00
79) Terphenyl-d14	12.757	244	1109509	81.630	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.287	88	109956	34.926	ng	97
3) Pyridine	2.969	79	292480	35.614	ng	97
4) n-Nitrosodimethylamine	2.940	42	157594	35.282	ng	96
6) Aniline	6.328	93	401351	37.977	ng	97
8) 2-Chlorophenol	6.445	128	305175	39.081	ng	97
9) Benzaldehyde	6.210	77	198510	34.551	ng	95
10) Phenol	6.316	94	387079	38.509	ng	93
11) bis(2-Chloroethyl)ether	6.404	93	275422	37.989	ng	97
12) 1,3-Dichlorobenzene	6.604	146	332063	38.647	ng	96
13) 1,4-Dichlorobenzene	6.681	146	344077	39.269	ng	99
14) 1,2-Dichlorobenzene	6.834	146	317575	38.799	ng	98
15) Benzyl Alcohol	6.810	79	258097	37.952	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.945	45	374167	35.384	ng	97
17) 2-Methylphenol	6.922	107	240235	37.845	ng	98
18) Hexachloroethane	7.175	117	132728	38.429	ng	93
19) n-Nitroso-di-n-propyla...	7.092	70	212227	36.668	ng	93
20) 3+4-Methylphenols	7.081	107	315636	38.277	ng	92
22) Acetophenone	7.081	105	415900	38.146	ng	98
24) Nitrobenzene	7.251	77	328880	37.106	ng	98
25) Isophorone	7.492	82	528725	37.581	ng	99
26) 2-Nitrophenol	7.563	139	153016	42.114	ng	96
27) 2,4-Dimethylphenol	7.604	122	221807	39.648	ng	98
28) bis(2-Chloroethoxy)met...	7.704	93	303097	38.260	ng	100
29) 2,4-Dichlorophenol	7.804	162	247479	40.368	ng	98
30) 1,2,4-Trichlorobenzene	7.886	180	265477	40.053	ng	96
31) Naphthalene	7.969	128	893012	38.869	ng	99
32) Benzoic acid	7.734	122	164457	38.013	ng	94
33) 4-Chloroaniline	8.022	127	335445	38.389	ng	99
34) Hexachlorobutadiene	8.086	225	171392	40.461	ng	99
35) Caprolactam	8.404	113	69685	39.650	ng	# 86
36) 4-Chloro-3-methylphenol	8.504	107	265218	39.030	ng	98
37) 2-Methylnaphthalene	8.657	142	568776	38.828	ng	99
38) 1-Methylnaphthalene	8.757	142	543271	38.606	ng	100
40) 1,2,4,5-Tetrachloroben...	8.822	216	248001	40.962	ng	99
41) Hexachlorocyclopentadiene	8.810	237	129540	39.963	ng	99
43) 2,4,6-Trichlorophenol	8.933	196	173738	41.117	ng	95

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44) 2,4,5-Trichlorophenol	8.975	196	188167	41.267	ng	98
46) 1,1'-Biphenyl	9.122	154	651634	39.329	ng	99
47) 2-Chloronaphthalene	9.145	162	525565	39.212	ng	99
48) 2-Nitroaniline	9.245	65	169556	37.929	ng	97
49) Acenaphthylene	9.557	152	781307	38.878	ng	100
50) Dimethylphthalate	9.428	163	604713	39.460	ng	100
51) 2,6-Dinitrotoluene	9.486	165	128718	40.162	ng	96
52) Acenaphthene	9.728	154	512391m	38.806	ng	
53) 3-Nitroaniline	9.657	138	141157	39.526	ng	96
54) 2,4-Dinitrophenol	9.757	184	58906	37.487	ng	98
55) Dibenzofuran	9.898	168	717613	39.074	ng	100
56) 4-Nitrophenol	9.816	139	106002	40.752	ng	86
57) 2,4-Dinitrotoluene	9.886	165	170274	41.571	ng	# 95
58) Fluorene	10.239	166	589196	39.228	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.016	232	148534	41.618	ng	95
60) Diethylphthalate	10.122	149	597976	38.911	ng	100
61) 4-Chlorophenyl-phenyle...	10.239	204	261965	39.759	ng	94
62) 4-Nitroaniline	10.269	138	143028	39.867	ng	95
63) Azobenzene	10.398	77	579877	36.645	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	84898	41.521	ng	98
66) n-Nitrosodiphenylamine	10.357	169	479025	39.026	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	164161	40.513	ng	95
68) Hexachlorobenzene	10.780	284	187503	40.821	ng	# 92
69) Atrazine	10.886	200	142531	39.735	ng	98
70) Pentachlorophenol	10.975	266	102877	41.732	ng	99
71) Phenanthrene	11.198	178	804806	39.026	ng	100
72) Anthracene	11.251	178	769940	38.688	ng	99
73) Carbazole	11.404	167	706602	39.342	ng	99
74) Di-n-butylphthalate	11.745	149	870692	40.201	ng	99
75) Fluoranthene	12.380	202	782469	39.266	ng	99
77) Benzidine	12.510	184	218935	33.497	ng	99
78) Pyrene	12.610	202	787518	39.983	ng	99
80) Butylbenzylphthalate	13.233	149	316734	43.408	ng	97
81) Benzo(a)anthracene	13.792	228	588616	39.299	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	170774	41.885	ng	# 98
83) Chrysene	13.827	228	547351	38.487	ng	99
84) Bis(2-ethylhexyl)phtha...	13.792	149	369825	44.249	ng	100
85) Di-n-octyl phthalate	14.404	149	514963	40.284	ng	98
87) Indeno(1,2,3-cd)pyrene	16.509	276	540425	42.035	ng	98
88) Benzo(b)fluoranthene	14.798	252	446378	37.723	ng	99
89) Benzo(k)fluoranthene	14.827	252	468447	40.244	ng	99
90) Benzo(a)pyrene	15.133	252	372158	39.698	ng	# 97
91) Dibenzo(a,h)anthracene	16.527	278	444068	42.104	ng	99
92) Benzo(g,h,i)perylene	16.909	276	437659	41.194	ng	98

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

