

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130512.D
 Acq On : 04 Oct 2022 11:59
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/05/2022
 Supervised By :mohammad ahmed 10/06/2022

Quant Time: Oct 05 02:14:55 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 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	91798	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	347606	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	179997	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	290078	20.000	ng	-0.01
76) Chrysene-d12	13.780	240	141036	20.000	ng	-0.01
86) Perylene-d12	15.163	264	151768	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	446345	84.334	ng	-0.01
7) Phenol-d6	6.281	99	696358	105.154	ng	-0.01
23) Nitrobenzene-d5	7.204	82	544162	79.977	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	139332	80.786	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	988410	79.963	ng	-0.01
79) Terphenyl-d14	12.733	244	760317	89.300	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.222	88	145605	59.903	ng	100
3) Pyridine	2.899	79	254590	40.152	ng	96
4) n-Nitrosodimethylamine	2.863	42	121584	35.256	ng	85
6) Aniline	6.298	93	402364	49.312	ng	# 64
8) 2-Chlorophenol	6.422	128	253261	42.007	ng	94
9) Benzaldehyde	6.187	77	225927	50.932	ng	96
10) Phenol	6.292	94	403171	51.951	ng	84
11) bis(2-Chloroethyl)ether	6.381	93	309077	55.216	ng	95
12) 1,3-Dichlorobenzene	6.575	146	264767	39.911	ng	98
13) 1,4-Dichlorobenzene	6.651	146	269045	39.770	ng	99
14) 1,2-Dichlorobenzene	6.804	146	252046	39.884	ng	98
15) Benzyl Alcohol	6.787	79	199925	38.077	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.916	45	304296	37.272	ng	86
17) 2-Methylphenol	6.904	107	200090	40.827	ng	97
18) Hexachloroethane	7.145	117	104604	39.227	ng	94
19) n-Nitroso-di-n-propyla...	7.057	70	176841	39.575	ng	95
20) 3+4-Methylphenols	7.057	107	262355	41.208	ng	# 79
22) Acetophenone	7.051	105	340097	40.019	ng	93
24) Nitrobenzene	7.222	77	275291	39.847	ng	99
25) Isophorone	7.463	82	439424	40.070	ng	100
26) 2-Nitrophenol	7.539	139	127539	45.033	ng	91
27) 2,4-Dimethylphenol	7.581	122	180649	41.426	ng	97
28) bis(2-Chloroethoxy)met...	7.675	93	253885	41.115	ng	99
29) 2,4-Dichlorophenol	7.781	162	199842	41.820	ng	98
30) 1,2,4-Trichlorobenzene	7.863	180	209343	40.520	ng	94
31) Naphthalene	7.939	128	734458	41.012	ng	99
32) Benzoic acid	7.728	122	105137	31.177	ng	95
33) 4-Chloroaniline	7.998	127	288181	42.311	ng	96
34) Hexachlorobutadiene	8.057	225	132417	40.104	ng	100
35) Caprolactam	8.375	113	60233	43.968	ng	97
36) 4-Chloro-3-methylphenol	8.486	107	221519	41.822	ng	97
37) 2-Methylnaphthalene	8.628	142	468973	41.073	ng	99
38) 1-Methylnaphthalene	8.728	142	454636	41.448	ng	99
40) 1,2,4,5-Tetrachloroben...	8.798	216	200649	40.847	ng	99
41) Hexachlorocyclopentadiene	8.781	237	99778	37.939	ng	98
43) 2,4,6-Trichlorophenol	8.916	196	137971	40.245	ng	96

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44) 2,4,5-Trichlorophenol	8.957	196	150202	40.601	ng	98
46) 1,1'-Biphenyl	9.092	154	539976	40.168	ng	100
47) 2-Chloronaphthalene	9.116	162	437629	40.244	ng	99
48) 2-Nitroaniline	9.222	65	144009	39.705	ng	99
49) Acenaphthylene	9.533	152	674067	41.342	ng	99
50) Dimethylphthalate	9.404	163	514335	41.367	ng	99
51) 2,6-Dinitrotoluene	9.469	165	113099	43.495	ng	# 77
52) Acenaphthene	9.704	154	400930	37.426	ng	99
53) 3-Nitroaniline	9.633	138	121875	42.062	ng	98
54) 2,4-Dinitrophenol	9.745	184	49635	38.691	ng	# 84
55) Dibenzofuran	9.875	168	612386	41.098	ng	98
56) 4-Nitrophenol	9.810	139	78453	37.175	ng	85
57) 2,4-Dinitrotoluene	9.869	165	145387	43.749	ng	95
58) Fluorene	10.216	166	495711	40.679	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.998	232	113250	39.111	ng	97
60) Diethylphthalate	10.098	149	506071	40.589	ng	99
61) 4-Chlorophenyl-phenyle...	10.210	204	217602	40.706	ng	98
62) 4-Nitroaniline	10.245	138	111035m	38.147	ng	
63) Azobenzene	10.369	77	506378	39.441	ng	98
65) 4,6-Dinitro-2-methylph...	10.275	198	74116	45.899	ng	95
66) n-Nitrosodiphenylamine	10.333	169	408122	42.103	ng	99
67) 4-Bromophenyl-phenylether	10.698	248	139627	43.633	ng	95
68) Hexachlorobenzene	10.757	284	156161	43.050	ng	93
69) Atrazine	10.863	200	111626	39.405	ng	96
70) Pentachlorophenol	10.963	266	66914	34.371	ng	97
71) Phenanthrene	11.175	178	655663	40.259	ng	99
72) Anthracene	11.227	178	646478	41.134	ng	99
73) Carbazole	11.386	167	544914	38.418	ng	99
74) Di-n-butylphthalate	11.716	149	675766	39.509	ng	99
75) Fluoranthene	12.357	202	580518	36.888	ng	98
77) Benzidine	12.486	184	132841	32.447	ng	99
78) Pyrene	12.580	202	571108	46.289	ng	99
80) Butylbenzylphthalate	13.210	149	196756	43.047	ng	98
81) Benzo(a)anthracene	13.768	228	387813	41.334	ng	98
82) 3,3'-Dichlorobenzidine	13.739	252	117393	45.965	ng	99
83) Chrysene	13.804	228	372680	41.834	ng	99
84) Bis(2-ethylhexyl)phtha...	13.768	149	243076	46.429	ng	98
85) Di-n-octyl phthalate	14.380	149	441318	55.112	ng	97
87) Indeno(1,2,3-cd)pyrene	16.486	276	491237	45.643	ng	99
88) Benzo(b)fluoranthene	14.780	252	378984	38.259	ng	99
89) Benzo(k)fluoranthene	14.804	252	372178	38.194	ng	99
90) Benzo(a)pyrene	15.110	252	319684	40.736	ng	98
91) Dibenzo(a,h)anthracene	16.498	278	402191	45.553	ng	99
92) Benzo(g,h,i)perylene	16.880	276	398624	44.820	ng	96

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

