

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092322\
 Data File : BF130386.D
 Acq On : 23 Sep 2022 11:42
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 23 16:04:49 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

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 09/26/2022
 Supervised By :Jagrut
 Upadhyay
 09/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	103257	20.000	ng	-0.01
21) Naphthalene-d8	7.939	136	381320	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	210891	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	375655	20.000	ng	0.00
76) Chrysene-d12	13.804	240	248980	20.000	ng	0.00
86) Perylene-d12	15.198	264	190191	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	473374	79.515	ng	0.00
7) Phenol-d6	6.298	99	584622	78.484	ng	0.00
23) Nitrobenzene-d5	7.222	82	582932	78.100	ng	-0.01
42) 2,4,6-Tribromophenol	10.480	330	187022	92.551	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1110893	76.707	ng	0.00
79) Terphenyl-d14	12.757	244	1223312	81.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.257	88	99737	36.479	ng	98
3) Pyridine	2.934	79	269608	37.801	ng	95
4) n-Nitrosodimethylamine	2.898	42	129296	33.331	ng	97
6) Aniline	6.316	93	354426	38.617	ng	# 85
8) 2-Chlorophenol	6.439	128	271162	39.985	ng	93
9) Benzaldehyde	6.204	77	176150	35.303	ng	92
10) Phenol	6.310	94	339423	38.883	ng	81
11) bis(2-Chloroethyl)ether	6.398	93	238729	37.915	ng	93
12) 1,3-Dichlorobenzene	6.592	146	296540	39.740	ng	97
13) 1,4-Dichlorobenzene	6.669	146	304414	40.005	ng	99
14) 1,2-Dichlorobenzene	6.822	146	284785	40.063	ng	98
15) Benzyl Alcohol	6.804	79	160661	27.203	ng	97
16) 2,2'-oxybis(1-Chloropr...	6.934	45	301804	32.864	ng	84
17) 2-Methylphenol	6.922	107	218598	39.653	ng	98
18) Hexachloroethane	7.163	117	115438	38.486	ng	96
19) n-Nitroso-di-n-propyla...	7.075	70	185098	36.825	ng	95
20) 3+4-Methylphenols	7.075	107	293656	41.006	ng	# 76
22) Acetophenone	7.069	105	371579	39.857	ng	94
24) Nitrobenzene	7.239	77	291320	38.439	ng	96
25) Isophorone	7.481	82	473151	39.331	ng	98
26) 2-Nitrophenol	7.557	139	144923	46.647	ng	# 86
27) 2,4-Dimethylphenol	7.604	122	191240	39.978	ng	94
28) bis(2-Chloroethoxy)met...	7.698	93	266611	39.358	ng	98
29) 2,4-Dichlorophenol	7.804	162	230694	44.008	ng	95
30) 1,2,4-Trichlorobenzene	7.881	180	240223	42.386	ng	97
31) Naphthalene	7.957	128	809406	41.201	ng	99
32) Benzoic acid	7.733	122	143665	38.835	ng	95
33) 4-Chloroaniline	8.016	127	321349	43.009	ng	95
34) Hexachlorobutadiene	8.075	225	149713	41.333	ng	98
35) Caprolactam	8.392	113	71711	47.718	ng	# 81
36) 4-Chloro-3-methylphenol	8.504	107	249252	42.897	ng	98
37) 2-Methylnaphthalene	8.651	142	524275	41.856	ng	100
38) 1-Methylnaphthalene	8.751	142	514515	42.760	ng	100
40) 1,2,4,5-Tetrachloroben...	8.816	216	227633	39.552	ng	98
41) Hexachlorocyclopentadiene	8.798	237	100419	32.589	ng	99
43) 2,4,6-Trichlorophenol	8.933	196	162456	40.445	ng	96

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44) 2,4,5-Trichlorophenol	8.975	196	183025	42.226	ng	98
46) 1,1'-Biphenyl	9.116	154	610971	38.791	ng	98
47) 2-Chloronaphthalene	9.139	162	496771	38.990	ng	97
48) 2-Nitroaniline	9.239	65	163330	38.435	ng	95
49) Acenaphthylene	9.551	152	766970	40.149	ng	99
50) Dimethylphthalate	9.422	163	591678	40.616	ng	100
51) 2,6-Dinitrotoluene	9.486	165	132994	43.653	ng	# 77
52) Acenaphthene	9.722	154	503525m	40.117	ng	
53) 3-Nitroaniline	9.651	138	151770	44.707	ng	96
54) 2,4-Dinitrophenol	9.757	184	61299	40.445	ng	92
55) Dibenzofuran	9.898	168	707142	40.505	ng	97
56) 4-Nitrophenol	9.822	139	103529	41.871	ng	88
57) 2,4-Dinitrotoluene	9.886	165	181554	46.629	ng	87
58) Fluorene	10.239	166	585748	41.026	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.016	232	142019	41.861	ng	93
60) Diethylphthalate	10.122	149	590284	40.407	ng	98
61) 4-Chlorophenyl-phenyle...	10.233	204	258861	41.330	ng	95
62) 4-Nitroaniline	10.269	138	153019	44.869	ng	89
63) Azobenzene	10.392	77	551472	36.661	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	97258	46.509	ng	90
66) n-Nitrosodiphenylamine	10.357	169	490561	39.078	ng	98
67) 4-Bromophenyl-phenylether	10.722	248	166871	40.267	ng	96
68) Hexachlorobenzene	10.780	284	195415	41.599	ng	99
69) Atrazine	10.886	200	148483	40.475	ng	94
70) Pentachlorophenol	10.980	266	95805	38.001	ng	98
71) Phenanthrene	11.198	178	846157	40.120	ng	100
72) Anthracene	11.251	178	822009	40.387	ng	99
73) Carbazole	11.410	167	757729	41.252	ng	99
74) Di-n-butylphthalate	11.745	149	907152	40.955	ng	# 98
75) Fluoranthene	12.380	202	870515	42.714	ng	99
77) Benzidine	12.510	184	214558	29.686	ng	98
78) Pyrene	12.610	202	878332	40.326	ng	99
80) Butylbenzylphthalate	13.239	149	360298	44.652	ng	91
81) Benzo(a)anthracene	13.798	228	681119	41.122	ng	98
82) 3,3'-Dichlorobenzidine	13.762	252	198302	43.982	ng	99
83) Chrysene	13.833	228	628383	39.956	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	412496	44.631	ng	# 97
85) Di-n-octyl phthalate	14.410	149	570204	40.336	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	558985	41.446	ng	98
88) Benzo(b)fluoranthene	14.804	252	537207	43.275	ng	100
89) Benzo(k)fluoranthene	14.833	252	486127	39.810	ng	98
90) Benzo(a)pyrene	15.139	252	410049	41.695	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	455699	41.186	ng	96
92) Benzo(g,h,i)perylene	16.927	276	457042	41.007	ng	99

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

