

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135246.D
 Acq On : 14 Sep 2023 10:56
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 15 00:59:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/15/2023
 Supervised By :mohammad ahmed 09/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	116897	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	471885	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	244728	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	478526	20.000	ng	0.00
76) Chrysene-d12	13.951	240	245023	20.000	ng	0.00
86) Perylene-d12	15.415	264	233095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	554160	77.103	ng	0.00
7) Phenol-d6	6.410	99	718050	78.570	ng	0.00
23) Nitrobenzene-d5	7.334	82	688633	79.284	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	192145	79.007	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1202308	74.121	ng	0.00
79) Terphenyl-d14	12.892	244	1307796	82.741	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	123696	39.259	ng	99
3) Pyridine	3.228	79	345940	40.795	ng	97
4) n-Nitrosodimethylamine	3.199	42	187962	41.770	ng	93
6) Aniline	6.434	93	472602	39.435	ng	97
8) 2-Chlorophenol	6.551	128	308254	40.177	ng	99
9) Benzaldehyde	6.322	77	200900	38.588	ng	99
10) Phenol	6.422	94	392415	39.158	ng	96
11) bis(2-Chloroethyl)ether	6.510	93	299993	39.908	ng	98
12) 1,3-Dichlorobenzene	6.704	146	307786	39.473	ng	99
13) 1,4-Dichlorobenzene	6.781	146	311676	39.288	ng	98
14) 1,2-Dichlorobenzene	6.934	146	288428	39.151	ng	99
15) Benzyl Alcohol	6.916	79	261650	39.898	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	564371	39.831	ng	99
17) 2-Methylphenol	7.028	107	267059	39.444	ng	98
18) Hexachloroethane	7.275	117	113978	38.884	ng	97
19) n-Nitroso-di-n-propyla...	7.187	70	218221	38.550	ng	98
20) 3+4-Methylphenols	7.181	107	311133	38.216	ng	95
22) Acetophenone	7.181	105	409513	37.958	ng	98
24) Nitrobenzene	7.351	77	337108	39.268	ng	99
25) Isophorone	7.592	82	626690	39.293	ng	99
26) 2-Nitrophenol	7.669	139	165796	40.239	ng	92
27) 2,4-Dimethylphenol	7.704	122	272474	39.343	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	374956	39.279	ng	99
29) 2,4-Dichlorophenol	7.910	162	251474	39.186	ng	97
30) 1,2,4-Trichlorobenzene	7.987	180	259867	38.742	ng	98
31) Naphthalene	8.069	128	899974	39.253	ng	100
32) Benzoic acid	7.845	122	213375m	40.915	ng	
33) 4-Chloroaniline	8.122	127	393272	39.096	ng	99
34) Hexachlorobutadiene	8.181	225	160628	39.714	ng	99
35) Caprolactam	8.504	113	89877	41.730	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	282057	39.545	ng	97
37) 2-Methylnaphthalene	8.763	142	603475	39.157	ng	99
38) 1-Methylnaphthalene	8.857	142	559972	38.809	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	274326	38.692	ng	100
41) Hexachlorocyclopentadiene	8.910	237	86151	32.415	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	185004	39.853	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	208692	39.038	ng	98
46) 1,1'-Biphenyl	9.228	154	730651	38.850	ng	99
47) 2-Chloronaphthalene	9.251	162	527477	38.656	ng	98
48) 2-Nitroaniline	9.351	65	212374	40.061	ng	95
49) Acenaphthylene	9.669	152	873171	38.503	ng	100
50) Dimethylphthalate	9.533	163	659011	39.829	ng	100
51) 2,6-Dinitrotoluene	9.598	165	143740	39.656	ng	94
52) Acenaphthene	9.839	154	522174	38.977	ng	97
53) 3-Nitroaniline	9.769	138	166569	39.149	ng	100
54) 2,4-Dinitrophenol	9.880	184	75458	40.054	ng	95
55) Dibenzofuran	10.010	168	781684	38.236	ng	97
56) 4-Nitrophenol	9.933	139	111752	41.326	ng	99
57) 2,4-Dinitrotoluene	10.004	165	179322	39.517	ng	90
58) Fluorene	10.357	166	605095	38.501	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	168981	41.092	ng	99
60) Diethylphthalate	10.233	149	665904	40.101	ng	98
61) 4-Chlorophenyl-phenyle...	10.351	204	291161	38.567	ng	94
62) 4-Nitroaniline	10.386	138	167638	40.988	ng	99
63) Azobenzene	10.510	77	642172	39.514	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	105669	41.576	ng	96
66) n-Nitrosodiphenylamine	10.475	169	565927	39.064	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	187780	39.455	ng	94
68) Hexachlorobenzene	10.904	284	192890	39.782	ng	# 91
69) Atrazine	11.004	200	152277	39.064	ng	96
70) Pentachlorophenol	11.104	266	121245	41.795	ng	99
71) Phenanthrene	11.322	178	877003	38.750	ng	99
72) Anthracene	11.375	178	905080	38.906	ng	99
73) Carbazole	11.533	167	828696	39.131	ng	99
74) Di-n-butylphthalate	11.869	149	1043190	41.804	ng	100
75) Fluoranthene	12.516	202	958274	40.635	ng	99
77) Benzidine	12.639	184	217172	43.264	ng	99
78) Pyrene	12.745	202	955871	40.975	ng	100
80) Butylbenzylphthalate	13.374	149	386954	47.112	ng	96
81) Benzo(a)anthracene	13.945	228	611314	38.637	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	190410	38.529	ng	98
83) Chrysene	13.980	228	608535	38.685	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	444938	52.790	ng	99
85) Di-n-octyl phthalate	14.551	149	650550	48.569	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	620158	40.578	ng	99
88) Benzo(b)fluoranthene	14.992	252	481462	38.156	ng	99
89) Benzo(k)fluoranthene	15.021	252	494843	39.700	ng	100
90) Benzo(a)pyrene	15.357	252	483704	40.197	ng	100
91) Dibenzo(a,h)anthracene	16.915	278	498402	39.856	ng	99
92) Benzo(g,h,i)perylene	17.351	276	513115	39.290	ng	99

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

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