

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
 Data File : BF135223.D
 Acq On : 13 Sep 2023 15:18
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/14/2023
 Supervised By :mohammad ahmed 09/14/2023

Quant Time: Sep 13 15:52:56 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	108549	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	433103	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	219127	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	425949	20.000	ng	0.00
76) Chrysene-d12	13.951	240	205966	20.000	ng	0.00
86) Perylene-d12	15.415	264	230637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	527666	79.063	ng	0.00
7) Phenol-d6	6.410	99	670058	78.957	ng	0.00
23) Nitrobenzene-d5	7.333	82	631398	79.204	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	177123	81.339	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	1131712	77.920	ng	0.00
79) Terphenyl-d14	12.892	244	1100124	82.800	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	115131	39.351	ng	99
3) Pyridine	3.228	79	320495	40.701	ng	96
4) n-Nitrosodimethylamine	3.204	42	168197	40.252	ng	99
6) Aniline	6.433	93	439417	39.486	ng	99
8) 2-Chlorophenol	6.551	128	285832	40.119	ng	99
9) Benzaldehyde	6.322	77	184207	38.103	ng	100
10) Phenol	6.422	94	365967	39.327	ng	96
11) bis(2-Chloroethyl)ether	6.510	93	276163	39.563	ng	99
12) 1,3-Dichlorobenzene	6.704	146	288730	39.877	ng	97
13) 1,4-Dichlorobenzene	6.781	146	292625	39.723	ng	99
14) 1,2-Dichlorobenzene	6.933	146	268900	39.307	ng	99
15) Benzyl Alcohol	6.916	79	244551	40.158	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	509587	38.731	ng	98
17) 2-Methylphenol	7.028	107	247697	39.398	ng	99
18) Hexachloroethane	7.275	117	108694	39.933	ng	98
19) n-Nitroso-di-n-propyla...	7.186	70	201527	38.339	ng	99
20) 3+4-Methylphenols	7.181	107	295161	39.042	ng	97
22) Acetophenone	7.181	105	383831	38.764	ng	100
24) Nitrobenzene	7.351	77	312358	39.643	ng	98
25) Isophorone	7.592	82	572428	39.105	ng	98
26) 2-Nitrophenol	7.663	139	154499	40.855	ng	98
27) 2,4-Dimethylphenol	7.704	122	251147	39.510	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	347425	39.654	ng	99
29) 2,4-Dichlorophenol	7.910	162	233215	39.595	ng	97
30) 1,2,4-Trichlorobenzene	7.986	180	245016	39.798	ng	99
31) Naphthalene	8.069	128	832514	39.562	ng	100
32) Benzoic acid	7.839	122	194343m	40.602	ng	
33) 4-Chloroaniline	8.122	127	361217	39.124	ng	98
34) Hexachlorobutadiene	8.180	225	147261	39.669	ng	99
35) Caprolactam	8.504	113	79154	40.042	ng	97
36) 4-Chloro-3-methylphenol	8.610	107	261551	39.954	ng	98
37) 2-Methylnaphthalene	8.763	142	557928	39.443	ng	97
38) 1-Methylnaphthalene	8.857	142	516036	38.966	ng	99
40) 1,2,4,5-Tetrachloroben...	8.927	216	260166	40.982	ng	99
41) Hexachlorocyclopentadiene	8.910	237	75929	32.023	ng	98
43) 2,4,6-Trichlorophenol	9.039	196	171445	41.248	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	192780	40.274	ng	96
46) 1,1'-Biphenyl	9.227	154	669040	39.730	ng	99
47) 2-Chloronaphthalene	9.251	162	487204	39.876	ng	99
48) 2-Nitroaniline	9.351	65	192950	40.649	ng	95
49) Acenaphthylene	9.669	152	806340	39.710	ng	100
50) Dimethylphthalate	9.533	163	591099	39.898	ng	100
51) 2,6-Dinitrotoluene	9.598	165	131113	40.398	ng	90
52) Acenaphthene	9.839	154	477424	39.801	ng	98
53) 3-Nitroaniline	9.769	138	152343	39.988	ng	94
54) 2,4-Dinitrophenol	9.880	184	63977	38.259	ng	92
55) Dibenzofuran	10.010	168	724084	39.557	ng	98
56) 4-Nitrophenol	9.933	139	98677	40.754	ng	99
57) 2,4-Dinitrotoluene	10.004	165	163761	40.304	ng	97
58) Fluorene	10.357	166	554300	39.390	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.133	232	153294	41.632	ng	98
60) Diethylphthalate	10.233	149	585429	39.374	ng	98
61) 4-Chlorophenyl-phenyle...	10.345	204	267788	39.615	ng	99
62) 4-Nitroaniline	10.386	138	146801	40.087	ng	98
63) Azobenzene	10.510	77	575695	39.562	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	92241	40.772	ng	95
66) n-Nitrosodiphenylamine	10.469	169	511267	39.647	ng	100
67) 4-Bromophenyl-phenylether	10.839	248	170926	40.347	ng	95
68) Hexachlorobenzene	10.904	284	174430	40.416	ng	94
69) Atrazine	11.004	200	135824	39.145	ng	96
70) Pentachlorophenol	11.104	266	109075	42.241	ng	98
71) Phenanthrene	11.321	178	791208	39.275	ng	100
72) Anthracene	11.374	178	815032	39.359	ng	100
73) Carbazole	11.533	167	732590	38.863	ng	99
74) Di-n-butylphthalate	11.863	149	886435	39.907	ng	99
75) Fluoranthene	12.515	202	822139	39.165	ng	99
77) Benzidine	12.639	184	192474	45.614	ng	99
78) Pyrene	12.745	202	829907	42.322	ng	99
80) Butylbenzylphthalate	13.374	149	302786	43.855	ng	96
81) Benzo(a)anthracene	13.939	228	529982	39.849	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	176516	42.491	ng	# 99
83) Chrysene	13.980	228	523083	39.558	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	338413	47.765	ng	98
85) Di-n-octyl phthalate	14.551	149	563465	50.044	ng	100
87) Indeno(1,2,3-cd)pyrene	16.903	276	571262	37.777	ng	99
88) Benzo(b)fluoranthene	14.992	252	478873	38.355	ng	99
89) Benzo(k)fluoranthene	15.021	252	470917	38.183	ng	100
90) Benzo(a)pyrene	15.356	252	473268	39.749	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	465972	37.660	ng	97
92) Benzo(g,h,i)perylene	17.350	276	484655	37.506	ng	98

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

