

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135166.D
 Acq On : 11 Sep 2023 16:34
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 12 00:16:03 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 00:05:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	101217	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	389049	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	196646	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	373127	20.000	ng	0.00
76) Chrysene-d12	13.951	240	163264	20.000	ng	0.00
86) Perylene-d12	15.410	264	192475	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	943230	151.567	ng	0.01
7) Phenol-d6	6.422	99	1199417	151.573	ng	0.02
23) Nitrobenzene-d5	7.345	82	1149724	160.555	ng	0.01
42) 2,4,6-Tribromophenol	10.604	330	302567	154.830	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	1847133	141.717	ng	0.00
79) Terphenyl-d14	12.898	244	1645258	156.217	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.475	88	225614	82.699	ng	99
3) Pyridine	3.228	79	624070	84.995	ng	97
4) n-Nitrosodimethylamine	3.216	42	330950	84.939	ng	99
6) Aniline	6.446	93	794040	76.521	ng	98
8) 2-Chlorophenol	6.563	128	502386	75.623	ng	95
9) Benzaldehyde	6.328	77	299434	66.423	ng	99
10) Phenol	6.434	94	643077	74.112	ng	87
11) bis(2-Chloroethyl)ether	6.516	93	508782	78.169	ng	98
12) 1,3-Dichlorobenzene	6.710	146	519779	76.987	ng	99
13) 1,4-Dichlorobenzene	6.787	146	521461	75.915	ng	99
14) 1,2-Dichlorobenzene	6.940	146	462642	72.526	ng	99
15) Benzyl Alcohol	6.922	79	417955	73.605	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	930786	75.868	ng	98
17) 2-Methylphenol	7.034	107	458997	78.294	ng	96
18) Hexachloroethane	7.275	117	197969	78.001	ng	93
19) n-Nitroso-di-n-propyla...	7.198	70	377048	76.927	ng	97
20) 3+4-Methylphenols	7.193	107	494441	70.140	ng	91
22) Acetophenone	7.187	105	677519	76.171	ng	# 98
24) Nitrobenzene	7.363	77	567795	80.222	ng	99
25) Isophorone	7.604	82	1091728	83.025	ng	99
26) 2-Nitrophenol	7.669	139	284141	83.645	ng	98
27) 2,4-Dimethylphenol	7.710	122	463138	81.111	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	631996	80.301	ng	99
29) 2,4-Dichlorophenol	7.910	162	422151	79.788	ng	99
30) 1,2,4-Trichlorobenzene	7.992	180	434357	78.543	ng	99
31) Naphthalene	8.075	128	1461113	77.296	ng	100
32) Benzoic acid	7.875	122	398504	93.577	ng	96
33) 4-Chloroaniline	8.128	127	635582	76.637	ng	99
34) Hexachlorobutadiene	8.187	225	263642	79.062	ng	99
35) Caprolactam	8.528	113	151051m	85.074	ng	
36) 4-Chloro-3-methylphenol	8.616	107	467520	79.504	ng	99
37) 2-Methylnaphthalene	8.763	142	963587	75.835	ng	99
38) 1-Methylnaphthalene	8.863	142	900075	75.661	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	442360	77.648	ng	99
41) Hexachlorocyclopentadiene	8.910	237	209316	83.072	ng	99
43) 2,4,6-Trichlorophenol	9.045	196	301556	80.845	ng	99

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44) 2,4,5-Trichlorophenol	9.086	196	346036	80.556	ng	97
46) 1,1'-Biphenyl	9.234	154	1129147	74.719	ng	97
47) 2-Chloronaphthalene	9.257	162	838004	76.428	ng	98
48) 2-Nitroaniline	9.357	65	353151	82.905	ng	96
49) Acenaphthylene	9.669	152	1346624	73.900	ng	99
50) Dimethylphthalate	9.545	163	1049412	78.931	ng	99
51) 2,6-Dinitrotoluene	9.604	165	234417	80.485	ng	94
52) Acenaphthene	9.845	154	815044	75.714	ng	98
53) 3-Nitroaniline	9.775	138	275488	80.579	ng	99
54) 2,4-Dinitrophenol	9.881	184	135466	81.779	ng	94
55) Dibenzofuran	10.016	168	1165473	70.949	ng	97
56) 4-Nitrophenol	9.939	139	189329	87.134	ng	99
57) 2,4-Dinitrotoluene	10.010	165	270425	74.165	ng	# 83
58) Fluorene	10.357	166	909878	72.050	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.134	232	265112	80.231	ng	98
60) Diethylphthalate	10.239	149	1020822	76.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	433006	71.380	ng	98
62) 4-Nitroaniline	10.398	138	269368	81.966	ng	99
63) Azobenzene	10.516	77	1017181	77.893	ng	99
65) 4,6-Dinitro-2-methylph...	10.422	198	177872	89.753	ng	96
66) n-Nitrosodiphenylamine	10.475	169	870914	77.097	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	289620	78.043	ng	100
68) Hexachlorobenzene	10.904	284	297186	78.606	ng	# 91
69) Atrazine	11.010	200	223870	73.653	ng	98
70) Pentachlorophenol	11.104	266	195595	86.682	ng	98
71) Phenanthrene	11.322	178	1323601	75.003	ng	99
72) Anthracene	11.375	178	1345715	74.187	ng	100
73) Carbazole	11.533	167	1228507	74.397	ng	100
74) Di-n-butylphthalate	11.869	149	1444856	74.256	ng	100
75) Fluoranthene	12.516	202	1306164	71.032	ng	99
77) Benzidine	12.639	184	242062	72.370	ng	98
78) Pyrene	12.745	202	1313797	84.521	ng	99
80) Butylbenzylphthalate	13.374	149	460512	84.146	ng	97
81) Benzo(a)anthracene	13.939	228	842493	79.915	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	269372	81.803	ng	# 99
83) Chrysene	13.980	228	846341	80.746	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	480737	85.601	ng	100
85) Di-n-octyl phthalate	14.551	149	864319	96.843	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	1092794	86.593	ng	99
88) Benzo(b)fluoranthene	14.986	252	837686	80.397	ng	97
89) Benzo(k)fluoranthene	15.021	252	770157	74.827	ng	99
90) Benzo(a)pyrene	15.357	252	819488	82.475	ng	98
91) Dibenzo(a,h)anthracene	16.915	278	871598	84.409	ng	99
92) Benzo(g,h,i)perylene	17.351	276	936025	86.798	ng	99

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

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