

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
 Data File : BF131316.D
 Acq On : 21 Nov 2022 15:00
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/22/2022
 Supervised By : Jagrut Upadhyay 11/22/2022

Quant Time: Nov 22 00:43:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 00:36:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	116108	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	380558	20.000	ng	0.00
39) Acenaphthene-d10	10.027	164	207684	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	354264	20.000	ng	0.00
76) Chrysene-d12	14.186	240	204304	20.000	ng	0.00
86) Perylene-d12	15.721	264	189599	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	930775	146.728	ng	0.01
7) Phenol-d6	6.598	99	1167651	145.197	ng	0.01
23) Nitrobenzene-d5	7.551	82	1220281	171.286	ng	0.01
42) 2,4,6-Tribromophenol	10.827	330	312917	169.254	ng	0.01
45) 2-Fluorobiphenyl	9.345	172	2082331	143.203	ng	0.00
79) Terphenyl-d14	13.121	244	1915030	140.111	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.781	88	216765	73.908	ng	Qvalue 99
3) Pyridine	3.557	79	611514	74.829	ng	100
4) n-Nitrosodimethylamine	3.545	42	371347	73.238	ng	98
6) Aniline	6.639	93	779963m	77.494	ng	
8) 2-Chlorophenol	6.757	128	514631	73.291	ng	96
10) Phenol	6.610	94	654687m	73.553	ng	
11) bis(2-Chloroethyl)ether	6.710	93	529234	73.872	ng	98
12) 1,3-Dichlorobenzene	6.916	146	593939	71.100	ng	99
13) 1,4-Dichlorobenzene	6.992	146	600017	70.643	ng	98
14) 1,2-Dichlorobenzene	7.145	146	540193	68.326	ng	98
15) Benzyl Alcohol	7.122	79	484297	70.705	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	977852	72.087	ng	97
17) 2-Methylphenol	7.216	107	450412	73.371	ng	99
18) Hexachloroethane	7.486	117	232091	76.848	ng	94
19) n-Nitroso-di-n-propyla...	7.404	70	416304	71.974	ng	98
20) 3+4-Methylphenols	7.381	107	546417m	69.693	ng	
22) Acetophenone	7.392	105	735098	73.101	ng	# 99
24) Nitrobenzene	7.569	77	617268	85.601	ng	99
25) Isophorone	7.810	82	1084351	79.721	ng	98
27) 2,4-Dimethylphenol	7.910	122	428360	80.103	ng	100
28) bis(2-Chloroethoxy)met...	8.010	93	595027	78.322	ng	99
29) 2,4-Dichlorophenol	8.122	162	466451	81.451	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	537196	75.553	ng	98
31) Naphthalene	8.286	128	1521950	73.752	ng	99
32) Benzoic acid	8.063	122	317414	99.221	ng	90
33) 4-Chloroaniline	8.333	127	612689	76.434	ng	99
34) Hexachlorobutadiene	8.398	225	351290	74.765	ng	99
35) Caprolactam	8.739	113	126932m	79.606	ng	
36) 4-Chloro-3-methylphenol	8.816	107	485965	78.731	ng	95
37) 2-Methylnaphthalene	8.980	142	1008373	72.504	ng	99
38) 1-Methylnaphthalene	9.080	142	980481	72.755	ng	100
40) 1,2,4,5-Tetrachloroben...	9.145	216	513541	75.573	ng	100
41) Hexachlorocyclopentadiene	9.127	237	283235	96.349	ng	99
43) 2,4,6-Trichlorophenol	9.257	196	340160	84.193	ng	98
44) 2,4,5-Trichlorophenol	9.292	196	370133	84.082	ng	95
46) 1,1'-Biphenyl	9.451	154	1189900	74.196	ng	99

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47) 2-Chloronaphthalene	9.474	162	961732	74.692	ng	98
48) 2-Nitroaniline	9.569	65	344459	96.779	ng	97
49) Acenaphthylene	9.892	152	1452227	73.832	ng	99
50) Dimethylphthalate	9.757	163	1137863	75.662	ng	99
51) 2,6-Dinitrotoluene	9.816	165	240795	97.479	ng	96
52) Acenaphthene	10.069	154	935302	76.214	ng	99
53) 3-Nitroaniline	9.986	138	247881	94.816	ng	90
54) 2,4-Dinitrophenol	10.086	184	104075	119.604	ng	94
55) Dibenzofuran	10.239	168	1275283	71.658	ng	99
56) 4-Nitrophenol	10.133	139	183241	93.144	ng	92
57) 2,4-Dinitrotoluene	10.222	165	305671	102.334	ng	97
58) Fluorene	10.586	166	995011	70.404	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	306993	82.332	ng	99
60) Diethylphthalate	10.457	149	1076195	75.011	ng	99
61) 4-Chlorophenyl-phenyle...	10.574	204	503473	70.273	ng	98
62) 4-Nitroaniline	10.616	138	238837	89.921	ng	98
63) Azobenzene	10.733	77	1104845	74.144	ng	100
65) 4,6-Dinitro-2-methylph...	10.633	198	143439	116.792	ng	# 76
66) n-Nitrosodiphenylamine	10.698	169	871607	76.348	ng	100
67) 4-Bromophenyl-phenylether	11.069	248	337113	79.304	ng	99
68) Hexachlorobenzene	11.127	284	354845	76.939	ng	100
69) Atrazine	11.221	200	272959	74.949	ng	99
70) Pentachlorophenol	11.321	266	214134	86.905	ng	99
71) Phenanthrene	11.551	178	1438518	73.433	ng	99
72) Anthracene	11.604	178	1402343	73.205	ng	99
73) Carbazole	11.757	167	1190945	73.954	ng	100
74) Di-n-butylphthalate	12.086	149	1518675	78.103	ng	99
75) Fluoranthene	12.745	202	1434379	70.560	ng	99
77) Benzidine	12.863	184	275372	59.590	ng	98
78) Pyrene	12.980	202	1420932	72.288	ng	99
80) Butylbenzylphthalate	13.598	149	505127	84.951	ng	98
81) Benzo(a)anthracene	14.174	228	1097281	76.181	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	297260	77.738	ng	98
83) Chrysene	14.215	228	1074254	77.981	ng	99
84) Bis(2-ethylhexyl)phtha...	14.157	149	669215	96.686	ng	99
85) Di-n-octyl phthalate	14.786	149	1074313	109.348	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	1168789	81.283	ng	100
88) Benzo(b)fluoranthene	15.268	252	1044796	81.876	ng	99
89) Benzo(k)fluoranthene	15.304	252	940379	72.099	ng	99
90) Benzo(a)pyrene	15.662	252	841204	80.292	ng	99
91) Dibenzo(a,h)anthracene	17.350	278	955929	80.784	ng	98
92) Benzo(g,h,i)perylene	17.809	276	968654	80.967	ng	98

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

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