

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122422\
 Data File : BF131827.D
 Acq On : 24 Dec 2022 16:06
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022
 Supervised By : Yogesh Patel 12/28/2022

Quant Time: Dec 26 04:39:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 04:31:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	84045	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	270017	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	157937	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	304797	20.000	ng	0.00
76) Chrysene-d12	14.045	240	217720	20.000	ng	0.00
86) Perylene-d12	15.521	264	142096	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	743070	147.499	ng	0.00
7) Phenol-d6	6.487	99	981630	148.694	ng	0.02
23) Nitrobenzene-d5	7.422	82	1070042	149.823	ng	0.01
42) 2,4,6-Tribromophenol	10.692	330	285597	162.759	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1762698	140.723	ng	0.00
79) Terphenyl-d14	12.986	244	2145247	135.128	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.534	88	174795	76.869	ng	99
3) Pyridine	3.287	79	499103	79.056	ng	98
4) n-Nitrosodimethylamine	3.275	42	239974	68.922	ng	99
6) Aniline	6.516	93	591405	74.906	ng	99
8) 2-Chlorophenol	6.628	128	397001	74.362	ng	94
9) Benzaldehyde	6.393	77	256798	56.782	ng	99
10) Phenol	6.498	94	577684	78.450	ng	87
11) bis(2-Chloroethyl)ether	6.587	93	422640	76.567	ng	97
12) 1,3-Dichlorobenzene	6.781	146	450986	72.860	ng	98
13) 1,4-Dichlorobenzene	6.857	146	453719	72.672	ng	98
14) 1,2-Dichlorobenzene	7.016	146	423060	70.934	ng	99
15) Benzyl Alcohol	6.992	79	425937	70.376	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	515474	72.293	ng	98
17) 2-Methylphenol	7.098	107	360733	74.973	ng	99
18) Hexachloroethane	7.351	117	185265	73.560	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	342243	69.137	ng	98
20) 3+4-Methylphenols	7.263	107	460192	70.221	ng	93
22) Acetophenone	7.263	105	622348	73.549	ng	# 98
24) Nitrobenzene	7.440	77	527909	73.286	ng	98
25) Isophorone	7.681	82	887597	77.155	ng	99
26) 2-Nitrophenol	7.751	139	214006	87.119	ng	99
27) 2,4-Dimethylphenol	7.792	122	300873	79.910	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	466232	78.343	ng	99
29) 2,4-Dichlorophenol	7.992	162	361393	77.628	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	421093	73.756	ng	98
31) Naphthalene	8.157	128	1137627	74.803	ng	99
32) Benzoic acid	7.957	122	254602	93.371	ng	95
33) 4-Chloroaniline	8.210	127	434358	76.195	ng	98
34) Hexachlorobutadiene	8.263	225	291428	72.428	ng	99
35) Caprolactam	8.622	113	107370m	89.157	ng	
36) 4-Chloro-3-methylphenol	8.698	107	410878	78.596	ng	100
37) 2-Methylnaphthalene	8.851	142	783789	75.359	ng	100
38) 1-Methylnaphthalene	8.951	142	760310	76.151	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	435574	74.502	ng	100
41) Hexachlorocyclopentadiene	8.998	237	202948	68.390	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	279474	77.283	ng	99

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44) 2,4,5-Trichlorophenol	9.175	196	304937	78.409	ng	98
46) 1,1'-Biphenyl	9.322	154	938595	75.164	ng	98
47) 2-Chloronaphthalene	9.345	162	776249	76.297	ng	98
48) 2-Nitroaniline	9.445	65	290094	80.492	ng	96
49) Acenaphthylene	9.763	152	1135771	76.030	ng	99
50) Dimethylphthalate	9.628	163	941915	78.233	ng	100
51) 2,6-Dinitrotoluene	9.692	165	203674	81.943	ng	98
52) Acenaphthene	9.933	154	696140	69.562	ng	99
53) 3-Nitroaniline	9.869	138	209784	87.967	ng	95
54) 2,4-Dinitrophenol	9.969	184	134326	107.662	ng	98
55) Dibenzofuran	10.104	168	1060191	74.978	ng	98
56) 4-Nitrophenol	10.028	139	156347	94.373	ng	90
57) 2,4-Dinitrotoluene	10.098	165	279769	84.851	ng	# 87
58) Fluorene	10.451	166	879147	76.480	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	254317m	77.223	ng	
60) Diethylphthalate	10.328	149	896209	77.568	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	455207	71.658	ng	98
62) 4-Nitroaniline	10.492	138	215958	91.383	ng	98
63) Azobenzene	10.604	77	963177	73.091	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	179667	93.068	ng	82
66) n-Nitrosodiphenylamine	10.569	169	735270	74.618	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	285089	72.708	ng	98
68) Hexachlorobenzene	10.998	284	312052	73.577	ng	# 89
69) Atrazine	11.092	200	213662	68.281	ng	99
70) Pentachlorophenol	11.192	266	171999	78.775	ng	98
71) Phenanthrene	11.416	178	1315272	77.419	ng	99
72) Anthracene	11.469	178	1292685	78.208	ng	99
73) Carbazole	11.627	167	1115139	82.655	ng	99
74) Di-n-butylphthalate	11.951	149	1392767	84.147	ng	100
75) Fluoranthene	12.610	202	1527276	87.302	ng	99
77) Benzidine	12.727	184	111711	19.150	ng	# 96
78) Pyrene	12.839	202	1541140	71.787	ng	99
80) Butylbenzylphthalate	13.457	149	579378	93.255	ng	96
81) Benzo(a)anthracene	14.033	228	1238351	78.761	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	314121	70.220	ng	97
83) Chrysene	14.074	228	1174633	78.583	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	687354	91.372	ng	99
85) Di-n-octyl phthalate	14.633	149	893398	70.502	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	889971	76.745	ng	99
88) Benzo(b)fluoranthene	15.098	252	849515	90.709	ng	99
89) Benzo(k)fluoranthene	15.127	252	792451	81.068	ng	99
90) Benzo(a)pyrene	15.468	252	656498	82.140	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	740231	77.558	ng	99
92) Benzo(g,h,i)perylene	17.498	276	752765	78.477	ng	96

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

