

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128357.D
 Acq On : 20 May 2022 11:12
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/23/2022
 Supervised By : Jagrut Upadhyay 05/23/2022

Quant Time: May 20 13:12:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 13:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109968	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	442509	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	245016	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	445596	20.000	ng	0.00
76) Chrysene-d12	14.045	240	343605	20.000	ng	0.00
86) Perylene-d12	15.533	264	308117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	127998	18.555	ng	0.00
7) Phenol-d6	6.487	99	202612	22.206	ng	-0.01
23) Nitrobenzene-d5	7.422	82	198407	20.175	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	53695	19.108	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	346100	22.102	ng	0.00
79) Terphenyl-d14	12.974	244	375511	20.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	35017	11.411	ng	96
3) Pyridine	3.428	79	89811	11.032	ng	98
4) n-Nitrosodimethylamine	3.375	42	40459	9.970	ng	96
6) Aniline	6.522	93	111465	10.818	ng	98
8) 2-Chlorophenol	6.645	128	78729	11.205	ng	94
9) Benzaldehyde	6.416	77	64378	12.219	ng	100
10) Phenol	6.498	94	106753	11.095	ng	98
11) bis(2-Chloroethyl)ether	6.593	93	72981	10.128	ng	99
12) 1,3-Dichlorobenzene	6.798	146	85127	10.764	ng	99
13) 1,4-Dichlorobenzene	6.875	146	86643	10.843	ng	98
14) 1,2-Dichlorobenzene	7.028	146	87685	11.644	ng	100
15) Benzyl Alcohol	6.998	79	75677	10.496	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	115086	10.770	ng	97
17) 2-Methylphenol	7.110	107	63777	10.699	ng	98
18) Hexachloroethane	7.363	117	31300	10.368	ng	92
19) n-Nitroso-di-n-propyla...	7.263	70	58421	10.397	ng	99
20) 3+4-Methylphenols	7.263	107	83579	11.324	ng	# 64
22) Acetophenone	7.263	105	109540	9.941	ng	# 89
24) Nitrobenzene	7.439	77	92111	10.148	ng	100
25) Isophorone	7.675	82	152417	9.886	ng	99
26) 2-Nitrophenol	7.757	139	40952	10.275	ng	96
27) 2,4-Dimethylphenol	7.792	122	62119	10.112	ng	98
28) bis(2-Chloroethoxy)met...	7.887	93	100753	10.338	ng	97
29) 2,4-Dichlorophenol	8.004	162	67413	10.438	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	76896	10.389	ng	99
31) Naphthalene	8.163	128	231332	10.585	ng	99
32) Benzoic acid	7.892	122	27309	5.944	ng	96
33) 4-Chloroaniline	8.216	127	92744	10.690	ng	98
34) Hexachlorobutadiene	8.269	225	49045	9.868	ng	98
35) Caprolactam	8.563	113	20680	9.809	ng	96
36) 4-Chloro-3-methylphenol	8.692	107	71154	9.860	ng	98
37) 2-Methylnaphthalene	8.851	142	151314	10.270	ng	100
38) 1-Methylnaphthalene	8.951	142	148930	10.524	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	76786	10.624	ng	99
41) Hexachlorocyclopentadiene	8.998	237	7936	2.780	ng	93
43) 2,4,6-Trichlorophenol	9.133	196	47125	10.121	ng	98

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44) 2,4,5-Trichlorophenol	9.181	196	50526	10.177	ng	94
46) 1,1'-Biphenyl	9.316	154	195950	10.985	ng	99
47) 2-Chloronaphthalene	9.345	162	143215	10.833	ng	97
48) 2-Nitroaniline	9.445	65	47789	10.082	ng	99
49) Acenaphthylene	9.763	152	219534	10.979	ng	99
50) Dimethylphthalate	9.616	163	163969	10.370	ng	99
51) 2,6-Dinitrotoluene	9.686	165	35698	10.292	ng	93
52) Acenaphthene	9.933	154	133572	9.634	ng	98
53) 3-Nitroaniline	9.857	138	40088	10.661	ng	96
54) 2,4-Dinitrophenol	9.980	184	11430	5.957	ng	# 88
55) Dibenzofuran	10.104	168	212194	10.779	ng	99
56) 4-Nitrophenol	10.033	139	20345	7.743	ng	88
57) 2,4-Dinitrotoluene	10.092	165	46475	10.021	ng	89
58) Fluorene	10.451	166	164055	10.699	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	40526	9.551	ng	97
60) Diethylphthalate	10.316	149	160605	10.181	ng	98
61) 4-Chlorophenyl-phenyle...	10.439	204	80486	10.526	ng	97
62) 4-Nitroaniline	10.469	138	40813	10.707	ng	96
63) Azobenzene	10.598	77	180221	10.433	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	24738	8.871	ng	89
66) n-Nitrosodiphenylamine	10.557	169	140286	10.802	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	49827	10.394	ng	98
68) Hexachlorobenzene	10.998	284	53684	10.237	ng	# 90
69) Atrazine	11.080	200	45789	10.452	ng	97
70) Pentachlorophenol	11.204	266	14562m	5.722	ng	
71) Phenanthrene	11.416	178	241698	10.893	ng	98
72) Anthracene	11.469	178	234479	10.585	ng	99
73) Carbazole	11.627	167	230364	10.936	ng	97
74) Di-n-butylphthalate	11.945	149	243580	10.044	ng	99
75) Fluoranthene	12.610	202	248680	10.338	ng	97
77) Benzidine	12.733	184	82991	11.152	ng	98
78) Pyrene	12.839	202	257626	10.340	ng	98
80) Butylbenzylphthalate	13.451	149	99301	9.587	ng	92
81) Benzo(a)anthracene	14.033	228	225807	10.289	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	56433	11.460	ng	97
83) Chrysene	14.068	228	218464	10.432	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	135014	9.647	ng	99
85) Di-n-octyl phthalate	14.621	149	216171	9.670	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	178662	9.586	ng	99
88) Benzo(b)fluoranthene	15.092	252	188466	9.867	ng	99
89) Benzo(k)fluoranthene	15.121	252	194511	10.317	ng	99
90) Benzo(a)pyrene	15.468	252	157356	10.205	ng	# 95
91) Dibenzo(a,h)anthracene	17.045	278	143915	9.537	ng	98
92) Benzo(g,h,i)perylene	17.492	276	145838	9.545	ng	99

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

