

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128145.D
 Acq On : 09 May 2022 13:24
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2022
 Supervised By : Jagrut Upadhyay 05/10/2022

Quant Time: May 09 14:10:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 14:06:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	101191	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	377412	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	215100	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	401825	20.000	ng	0.00
76) Chrysene-d12	14.080	240	298468	20.000	ng	0.00
86) Perylene-d12	15.574	264	243642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	501840	78.991	ng	0.00
7) Phenol-d6	6.528	99	665975	80.787	ng	0.00
23) Nitrobenzene-d5	7.463	82	674524	84.043	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	199711	92.231	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1086275	85.435	ng	0.00
79) Terphenyl-d14	13.016	244	1259944	77.190	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	115125	37.980	ng	99
3) Pyridine	3.475	79	299926	38.617	ng	99
4) n-Nitrosodimethylamine	3.452	42	154245	41.029	ng	95
6) Aniline	6.563	93	383432	39.149	ng	99
8) 2-Chlorophenol	6.681	128	257863	39.107	ng	99
9) Benzaldehyde	6.451	77	166199	32.590	ng	97
10) Phenol	6.540	94	359455	43.233	ng	96
11) bis(2-Chloroethyl)ether	6.634	93	265218	38.454	ng	99
12) 1,3-Dichlorobenzene	6.834	146	291123m	38.356	ng	
13) 1,4-Dichlorobenzene	6.910	146	295367	38.987	ng	96
14) 1,2-Dichlorobenzene	7.069	146	275081	39.221	ng	100
15) Benzyl Alcohol	7.040	79	267492	47.716	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	399430	37.893	ng	100
17) 2-Methylphenol	7.145	107	220561	38.768	ng	98
18) Hexachloroethane	7.404	117	111063	39.876	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	205416	40.707	ng	98
20) 3+4-Methylphenols	7.298	107	269202	39.170	ng	97
22) Acetophenone	7.310	105	369543	40.173	ng	97
24) Nitrobenzene	7.481	77	315363	40.777	ng	97
25) Isophorone	7.722	82	532411	39.414	ng	99
26) 2-Nitrophenol	7.798	139	138602	42.057	ng	93
27) 2,4-Dimethylphenol	7.828	122	210178	38.396	ng	95
28) bis(2-Chloroethoxy)met...	7.928	93	335298	38.731	ng	98
29) 2,4-Dichlorophenol	8.034	162	222850	38.860	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	252904	38.824	ng	99
31) Naphthalene	8.204	128	748354	38.932	ng	100
32) Benzoic acid	7.963	122	169435	43.184	ng	89
33) 4-Chloroaniline	8.251	127	293122	38.540	ng	96
34) Hexachlorobutadiene	8.310	225	170984	41.672	ng	98
35) Caprolactam	8.634	113	73365	39.633	ng	99
36) 4-Chloro-3-methylphenol	8.734	107	249488	40.736	ng	97
37) 2-Methylnaphthalene	8.892	142	503380	39.625	ng	99
38) 1-Methylnaphthalene	8.992	142	477989	38.710	ng	100
40) 1,2,4,5-Tetrachloroben...	9.057	216	255144	40.243	ng	99
41) Hexachlorocyclopentadiene	9.039	237	110444	32.152	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	168214	40.322	ng	98

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44) 2,4,5-Trichlorophenol	9.210	196	178776	39.421	ng	98
46) 1,1'-Biphenyl	9.357	154	633697	39.772	ng	99
47) 2-Chloronaphthalene	9.386	162	469102	38.674	ng	99
48) 2-Nitroaniline	9.481	65	174017	42.412	ng	94
49) Acenaphthylene	9.804	152	716351	38.609	ng	99
50) Dimethylphthalate	9.657	163	559695	38.798	ng	100
51) 2,6-Dinitrotoluene	9.728	165	124616	39.898	ng	93
52) Acenaphthene	9.975	154	492676m	39.496	ng	
53) 3-Nitroaniline	9.898	138	134977	38.917	ng	99
54) 2,4-Dinitrophenol	10.004	184	71509	43.474	ng	# 85
55) Dibenzofuran	10.145	168	686641	38.153	ng	98
56) 4-Nitrophenol	10.057	139	96719	36.519	ng	95
57) 2,4-Dinitrotoluene	10.133	165	167982	40.603	ng	# 90
58) Fluorene	10.486	166	539013	40.137	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	153742	40.314	ng	100
60) Diethylphthalate	10.357	149	556827	39.363	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	269889	40.443	ng	97
62) 4-Nitroaniline	10.516	138	136529	40.264	ng	95
63) Azobenzene	10.639	77	616041	39.577	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	108575	45.474	ng	88
66) n-Nitrosodiphenylamine	10.598	169	470214	37.608	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	173538	38.958	ng	98
68) Hexachlorobenzene	11.033	284	189418	40.360	ng	99
69) Atrazine	11.127	200	157425	40.718	ng	98
70) Pentachlorophenol	11.233	266	101950	36.925	ng	97
71) Phenanthrene	11.457	178	792674	37.686	ng	100
72) Anthracene	11.510	178	796057	37.993	ng	99
73) Carbazole	11.663	167	761844	37.727	ng	99
74) Di-n-butylphthalate	11.980	149	871821	38.394	ng	99
75) Fluoranthene	12.645	202	854978	38.622	ng	98
77) Benzidine	12.769	184	262522	46.485	ng	100
78) Pyrene	12.880	202	872543	36.214	ng	100
80) Butylbenzylphthalate	13.486	149	367982	38.966	ng	99
81) Benzo(a)anthracene	14.068	228	769869	38.699	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	167695	26.548	ng	99
83) Chrysene	14.104	228	722868	38.047	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	497862	39.754	ng	99
85) Di-n-octyl phthalate	14.657	149	800468	41.245	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	576119	35.426	ng	96
88) Benzo(b)fluoranthene	15.133	252	612343	40.015	ng	99
89) Benzo(k)fluoranthene	15.163	252	610449	39.595	ng	98
90) Benzo(a)pyrene	15.510	252	494610	38.965	ng	97
91) Dibenzo(a,h)anthracene	17.115	278	468976	35.957	ng	# 96
92) Benzo(g,h,i)perylene	17.562	276	466236	33.921	ng	97

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

