

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128642.D
 Acq On : 02 Jun 2022 15:28
 Operator : CG\JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/03/2022
 Supervised By : Jagrut Upadhyay 06/03/2022

Quant Time: Jun 02 16:26:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 14:18:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	100454	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	345697	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	196407	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	358699	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	225912	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	165161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	887755	142.644	ng	0.00
7) Phenol-d6	6.504	99	1087993	142.317	ng	0.00
23) Nitrobenzene-d5	7.404	82	1147896	154.495	ng	0.01
42) 2,4,6-Tribromophenol	10.669	330	354367	151.958	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2058617	145.758	ng	0.00
79) Terphenyl-d14	12.951	244	2042119	157.311	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.563	88	169559	73.199	ng	# 93
3) Pyridine	3.310	79	446797	72.833	ng	# 88
4) n-Nitrosodimethylamine	3.281	42	312846	73.319	ng	# 72
6) Aniline	6.492	93	591165	71.759	ng	# 80
8) 2-Chlorophenol	6.634	128	456336	70.981	ng	97
9) Benzaldehyde	6.381	77	368178	88.059	ng	92
10) Phenol	6.516	94	583881	74.989	ng	# 74
11) bis(2-Chloroethyl)ether	6.575	93	435836	73.190	ng	99
12) 1,3-Dichlorobenzene	6.769	146	534898	72.027	ng	95
13) 1,4-Dichlorobenzene	6.845	146	543240	72.274	ng	98
14) 1,2-Dichlorobenzene	7.004	146	509362	72.772	ng	99
15) Benzyl Alcohol	6.986	79	460192	72.035	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.104	45	693730	70.560	ng	72
17) 2-Methylphenol	7.116	107	373230m	73.652	ng	
18) Hexachloroethane	7.339	117	207792	74.601	ng	94
19) n-Nitroso-di-n-propyla...	7.257	70	351569	73.938	ng	97
20) 3+4-Methylphenols	7.269	107	489945	72.637	ng	# 81
22) Acetophenone	7.245	105	691279	76.166	ng	# 94
24) Nitrobenzene	7.422	77	525274	76.953	ng	96
25) Isophorone	7.657	82	873382	77.378	ng	# 95
26) 2-Nitrophenol	7.733	139	240464	79.761	ng	# 88
27) 2,4-Dimethylphenol	7.786	122	350572	76.386	ng	94
28) bis(2-Chloroethoxy)met...	7.869	93	545653	76.428	ng	99
29) 2,4-Dichlorophenol	7.992	162	401687	76.254	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	448468	75.471	ng	98
31) Naphthalene	8.139	128	1329903	75.266	ng	99
32) Benzoic acid	7.951	122	271585	88.263	ng	86
33) 4-Chloroaniline	8.192	127	501549	75.355	ng	95
34) Hexachlorobutadiene	8.251	225	321808	76.221	ng	99
35) Caprolactam	8.586	113	115734m	80.335	ng	
36) 4-Chloro-3-methylphenol	8.698	107	439376	76.887	ng	96
37) 2-Methylnaphthalene	8.828	142	851540	75.907	ng	99
38) 1-Methylnaphthalene	8.928	142	829032	76.827	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	456389	73.681	ng	98
41) Hexachlorocyclopentadiene	8.980	237	293122	78.283	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	309686	74.382	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	321980	75.223	ng	# 94
46) 1,1'-Biphenyl	9.298	154	1084972	73.172	ng	98
47) 2-Chloronaphthalene	9.322	162	839989	74.356	ng	99
48) 2-Nitroaniline	9.422	65	308580	80.607	ng	92
49) Acenaphthylene	9.733	152	1293393	75.039	ng	99
50) Dimethylphthalate	9.604	163	1019888	75.582	ng	100
51) 2,6-Dinitrotoluene	9.663	165	211111	79.525	ng	# 79
52) Acenaphthene	9.910	154	856658m	76.176	ng	
53) 3-Nitroaniline	9.839	138	221250	76.945	ng	99
54) 2,4-Dinitrophenol	9.933	184	129510	93.658	ng	# 83
55) Dibenzofuran	10.080	168	1189915	73.619	ng	94
56) 4-Nitrophenol	10.033	139	166629	80.661	ng	# 62
57) 2,4-Dinitrotoluene	10.063	165	280256	79.313	ng	# 85
58) Fluorene	10.422	166	927063	73.716	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	272797	77.386	ng	96
60) Diethylphthalate	10.298	149	1015894	74.838	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	478221	73.561	ng	96
62) 4-Nitroaniline	10.463	138	216200	74.299	ng	# 74
63) Azobenzene	10.574	77	1011877	76.064	ng	95
65) 4,6-Dinitro-2-methylph...	10.474	198	176338	87.050	ng	89
66) n-Nitrosodiphenylamine	10.539	169	846642	76.352	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	310114	77.121	ng	93
68) Hexachlorobenzene	10.969	284	343543	77.021	ng	94
69) Atrazine	11.069	200	245174	68.884	ng	99
70) Pentachlorophenol	11.169	266	184268	88.051	ng	99
71) Phenanthrene	11.386	178	1350961	75.079	ng	99
72) Anthracene	11.439	178	1321697	74.062	ng	99
73) Carbazole	11.598	167	1190942	71.951	ng	99
74) Di-n-butylphthalate	11.921	149	1506017	74.395	ng	99
75) Fluoranthene	12.574	202	1362978	72.209	ng	97
78) Pyrene	12.804	202	1351440	80.665	ng	99
80) Butylbenzylphthalate	13.421	149	561686	79.995	ng	98
81) Benzo(a)anthracene	13.992	228	1051743	74.414	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	188653	61.550	ng	97
83) Chrysene	14.033	228	1009942	74.543	ng	98
84) Bis(2-ethylhexyl)phtha...	13.980	149	740085	80.661	ng	99
85) Di-n-octyl phthalate	14.598	149	927892	65.036	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	939283	93.914	ng	# 91
88) Benzo(b)fluoranthene	15.039	252	817581	77.778	ng	# 97
89) Benzo(k)fluoranthene	15.074	252	736369	74.730	ng	# 96
90) Benzo(a)pyrene	15.404	252	649530	78.425	ng	# 95
91) Dibenzo(a,h)anthracene	16.956	278	768476	92.520	ng	# 95
92) Benzo(g,h,i)perylene	17.386	276	779407	95.681	ng	# 89

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

