

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133188.D
 Acq On : 02 May 2023 14:45
 Operator : CG\JU
 Sample : 02270-26MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-16-14-16-20230413MS

Quant Time: May 03 04:52:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/03/2023
 Supervised By : Jagrut Upadhyay 05/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	204532	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	827271	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	431750	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	762136	20.000	ng	0.00
76) Chrysene-d12	13.886	240	437026	20.000	ng	0.00
86) Perylene-d12	15.303	264	382906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1438506	106.244	ng	0.02
7) Phenol-d6	6.381	99	1775506	105.650	ng	0.00
23) Nitrobenzene-d5	7.298	82	1081178	70.543	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	450980	103.863	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1914148	74.172	ng	0.00
79) Terphenyl-d14	12.839	244	2105496	83.091	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.504	88	301428	47.997	ng	97
3) Pyridine	3.198	79	737687	44.225	ng	96
4) n-Nitrosodimethylamine	3.157	42	394968	45.715	ng	94
6) Aniline	6.398	93	301141	13.913	ng	# 1
8) 2-Chlorophenol	6.516	128	700008	50.920	ng	98
9) Benzaldehyde	6.275	77	408872	64.864	ng	98
10) Phenol	6.392	94	836494	45.119	ng	99
11) bis(2-Chloroethyl)ether	6.469	93	907025	65.196	ng	99
12) 1,3-Dichlorobenzene	6.675	146	723602	49.508	ng	96
13) 1,4-Dichlorobenzene	6.751	146	734070	50.113	ng	97
14) 1,2-Dichlorobenzene	6.904	146	700914	51.901	ng	99
15) Benzyl Alcohol	6.880	79	579022	49.878	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1068924	44.236	ng	95
17) 2-Methylphenol	6.998	107	578442	45.952	ng	98
18) Hexachloroethane	7.245	117	256837	50.432	ng	98
19) n-Nitroso-di-n-propyla...	7.157	70	452451	43.246	ng	93
20) 3+4-Methylphenols	7.151	107	695785	46.935	ng	# 83
22) Acetophenone	7.145	105	940463	49.076	ng	# 96
24) Nitrobenzene	7.316	77	709679	45.695	ng	97
25) Isophorone	7.557	82	1318142	45.298	ng	99
26) 2-Nitrophenol	7.633	139	389213	51.958	ng	97
27) 2,4-Dimethylphenol	7.680	122	633272	49.302	ng	97
28) bis(2-Chloroethoxy)met...	7.769	93	796650	46.277	ng	99
29) 2,4-Dichlorophenol	7.880	162	566550	48.451	ng	98
30) 1,2,4-Trichlorobenzene	7.957	180	591566	48.833	ng	99
31) Naphthalene	8.039	128	1942382	46.962	ng	99
32) Benzoic acid	7.822	122	471364	59.410	ng	98
33) 4-Chloroaniline	8.086	127	206423m	12.352	ng	
34) Hexachlorobutadiene	8.157	225	317069	47.224	ng	100
35) Caprolactam	8.463	113	208303m	53.028	ng	
36) 4-Chloro-3-methylphenol	8.580	107	621463	49.285	ng	96
37) 2-Methylnaphthalene	8.727	142	1280002	45.266	ng	98
38) 1-Methylnaphthalene	8.827	142	1204750	45.543	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	523737	45.117	ng	99
41) Hexachlorocyclopentadiene	8.886	237	624730	92.277	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	387835	48.310	ng	98

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44) 2,4,5-Trichlorophenol	9.057	196	421095	45.353	ng	96
46) 1,1'-Biphenyl	9.192	154	1565198	45.718	ng	100
47) 2-Chloronaphthalene	9.216	162	1200214	47.897	ng	99
48) 2-Nitroaniline	9.316	65	376788	45.497	ng	96
49) Acenaphthylene	9.633	152	1806119	45.108	ng	99
50) Dimethylphthalate	9.498	163	1404490	46.653	ng	100
51) 2,6-Dinitrotoluene	9.557	165	328663	48.505	ng	96
52) Acenaphthene	9.804	154	1346757m	50.221	ng	
53) 3-Nitroaniline	9.727	138	252855	31.385	ng	94
54) 2,4-Dinitrophenol	9.833	184	388672	114.118	ng	97
55) Dibenzofuran	9.974	168	1638762	44.799	ng	98
56) 4-Nitrophenol	9.904	139	607417	97.342	ng	97
57) 2,4-Dinitrotoluene	9.963	165	424583	49.135	ng	94
58) Fluorene	10.321	166	1210246	45.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.098	232	339471	47.161	ng	98
60) Diethylphthalate	10.198	149	1302803	45.815	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	581007	44.487	ng	96
62) 4-Nitroaniline	10.345	138	329267	44.466	ng	96
63) Azobenzene	10.468	77	1373704	45.602	ng	98
65) 4,6-Dinitro-2-methylph...	10.368	198	259251	56.121	ng	80
66) n-Nitrosodiphenylamine	10.433	169	1111359	44.955	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	373421	45.177	ng	96
68) Hexachlorobenzene	10.868	284	404893	47.804	ng	97
69) Atrazine	10.963	200	370658	52.034	ng	99
70) Pentachlorophenol	11.063	266	482102	79.922	ng	98
71) Phenanthrene	11.280	178	1842795	44.987	ng	99
72) Anthracene	11.327	178	1885161	44.970	ng	99
73) Carbazole	11.486	167	1706947	45.729	ng	100
74) Di-n-butylphthalate	11.821	149	2035789	48.194	ng	99
75) Fluoranthene	12.462	202	1833961	44.610	ng	99
77) Benzidine	12.586	184	507377	68.654	ng	# 93
78) Pyrene	12.692	202	1882556	50.251	ng	99
80) Butylbenzylphthalate	13.315	149	815615	61.487	ng	99
81) Benzo(a)anthracene	13.874	228	1353766	45.046	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	379292	45.686	ng	98
83) Chrysene	13.915	228	1355474	45.114	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	925257	55.572	ng	99
85) Di-n-octyl phthalate	14.486	149	1614766	59.480	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1349485	61.958	ng	99
88) Benzo(b)fluoranthene	14.903	252	1193773	49.005	ng	99
89) Benzo(k)fluoranthene	14.933	252	1108892	45.921	ng	100
90) Benzo(a)pyrene	15.245	252	1003816	45.273	ng	98
91) Dibenzo(a,h)anthracene	16.703	278	1120860	61.701	ng	100
92) Benzo(g,h,i)perylene	17.109	276	1142442	63.701	ng	97

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

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