

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133073.D
 Acq On : 26 Apr 2023 19:32
 Operator : CG\JU
 Sample : 02491-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S2S-TP3MS

Quant Time: Apr 27 02:00:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/27/2023
 Supervised By : Jagrut Upadhyay 04/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	178512	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	731024	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	377777	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	679026	20.000	ng	0.00
76) Chrysene-d12	13.892	240	401249	20.000	ng	0.00
86) Perylene-d12	15.304	264	368217	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1243956	105.266	ng	0.01
7) Phenol-d6	6.381	99	1569287	106.990	ng	0.00
23) Nitrobenzene-d5	7.304	82	957396	70.692	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	416516	109.631	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1647297	72.951	ng	0.00
79) Terphenyl-d14	12.839	244	1859039	79.906	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	243180	44.366	ng	97
3) Pyridine	3.157	79	616207	42.327	ng	95
4) n-Nitrosodimethylamine	3.116	42	322347	42.748	ng	94
6) Aniline	6.398	93	626689	33.173	ng	# 78
8) 2-Chlorophenol	6.522	128	599339	49.952	ng	95
9) Benzaldehyde	6.281	77	343483	59.976	ng	98
10) Phenol	6.393	94	723733	44.727	ng	79
11) bis(2-Chloroethyl)ether	6.475	93	565835	46.600	ng	97
12) 1,3-Dichlorobenzene	6.675	146	636576	49.902	ng	100
13) 1,4-Dichlorobenzene	6.751	146	634884	49.660	ng	99
14) 1,2-Dichlorobenzene	6.904	146	607030	51.501	ng	96
15) Benzyl Alcohol	6.887	79	492384	48.598	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	935087	44.338	ng	97
17) 2-Methylphenol	6.998	107	490432	44.639	ng	98
18) Hexachloroethane	7.251	117	218686	49.200	ng	99
19) n-Nitroso-di-n-propyla...	7.157	70	395486	43.311	ng	98
20) 3+4-Methylphenols	7.151	107	593026	45.834	ng	98
22) Acetophenone	7.145	105	797426	47.090	ng	# 97
24) Nitrobenzene	7.322	77	603066	43.943	ng	100
25) Isophorone	7.563	82	1129302	43.918	ng	100
26) 2-Nitrophenol	7.639	139	334505	50.534	ng	91
27) 2,4-Dimethylphenol	7.681	122	552253	48.655	ng	100
28) bis(2-Chloroethoxy)met...	7.775	93	677805	44.557	ng	100
29) 2,4-Dichlorophenol	7.881	162	494329	47.841	ng	100
30) 1,2,4-Trichlorobenzene	7.963	180	516432	48.244	ng	99
31) Naphthalene	8.045	128	1669896	45.689	ng	99
32) Benzoic acid	7.804	122	357353m	50.970	ng	
33) 4-Chloroaniline	8.092	127	209248	14.170	ng	98
34) Hexachlorobutadiene	8.163	225	277766	46.817	ng	99
35) Caprolactam	8.469	113	185331m	53.392	ng	
36) 4-Chloro-3-methylphenol	8.581	107	545947	48.996	ng	97
37) 2-Methylnaphthalene	8.734	142	1122028	44.903	ng	99
38) 1-Methylnaphthalene	8.834	142	1037023	44.364	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	462478	45.531	ng	99
41) Hexachlorocyclopentadiene	8.892	237	551599	93.116	ng	99
43) 2,4,6-Trichlorophenol	9.016	196	335933	47.823	ng	99

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44) 2,4,5-Trichlorophenol	9.051	196	363603	44.756	ng	99
46) 1,1'-Biphenyl	9.198	154	1372610	45.821	ng	99
47) 2-Chloronaphthalene	9.222	162	1030264	46.989	ng	99
48) 2-Nitroaniline	9.316	65	337068	46.515	ng	94
49) Acenaphthylene	9.633	152	1612698	46.032	ng	99
50) Dimethylphthalate	9.504	163	1216370	46.177	ng	99
51) 2,6-Dinitrotoluene	9.563	165	293222	49.457	ng	# 83
52) Acenaphthene	9.810	154	1161581m	49.504	ng	
53) 3-Nitroaniline	9.728	138	209729	29.751	ng	96
54) 2,4-Dinitrophenol	9.833	184	307997	103.351	ng	95
55) Dibenzofuran	9.981	168	1467058	45.835	ng	99
56) 4-Nitrophenol	9.898	139	525895	96.318	ng	96
57) 2,4-Dinitrotoluene	9.963	165	384499	50.854	ng	95
58) Fluorene	10.322	166	1084238	46.236	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.098	232	300796	47.759	ng	98
60) Diethylphthalate	10.204	149	1167649	46.929	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	520438	45.542	ng	97
62) 4-Nitroaniline	10.345	138	332972	51.391	ng	98
63) Azobenzene	10.475	77	1194209	45.308	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	220400	53.551	ng	83
66) n-Nitrosodiphenylamine	10.433	169	998282	45.323	ng	99
67) 4-Bromophenyl-phenylether	10.804	248	341081	46.315	ng	98
68) Hexachlorobenzene	10.869	284	375654	49.780	ng	98
69) Atrazine	10.963	200	349893	55.131	ng	99
70) Pentachlorophenol	11.063	266	421649	78.455	ng	98
71) Phenanthrene	11.280	178	1695127	46.447	ng	99
72) Anthracene	11.333	178	1704284	45.631	ng	100
73) Carbazole	11.486	167	1574180	47.334	ng	99
74) Di-n-butylphthalate	11.822	149	1840986	48.916	ng	99
75) Fluoranthene	12.463	202	1721360	46.996	ng	100
77) Benzidine	12.586	184	779072	114.817	ng	# 93
78) Pyrene	12.692	202	1773506	51.561	ng	99
80) Butylbenzylphthalate	13.321	149	742327	60.952	ng	97
81) Benzo(a)anthracene	13.880	228	1297423	47.021	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	217573	28.544	ng	99
83) Chrysene	13.916	228	1272720	46.137	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	837017	54.755	ng	99
85) Di-n-octyl phthalate	14.492	149	1355762	54.392	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1384381	66.096	ng	99
88) Benzo(b)fluoranthene	14.904	252	1100482	46.978	ng	98
89) Benzo(k)fluoranthene	14.933	252	1066508	45.928	ng	99
90) Benzo(a)pyrene	15.251	252	970215	45.503	ng	100
91) Dibenzo(a,h)anthracene	16.709	278	1138432	65.168	ng	98
92) Benzo(g,h,i)perylene	17.109	276	1157108	67.093	ng	98

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

