

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133153.D
 Acq On : 01 May 2023 13:49
 Operator : CG\JU
 Sample : 02521-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MSD

Quant Time: May 02 05:18:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 15:02:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/02/2023
 Supervised By : Jagrut Upadhyay 05/02/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	195768	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	779426	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	408781	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	712325	20.000	ng	0.00
76) Chrysene-d12	13.886	240	379662	20.000	ng	0.00
86) Perylene-d12	15.304	264	380330	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	644255	49.713	ng	0.00
7) Phenol-d6	6.369	99	513552	31.926	ng	0.00
23) Nitrobenzene-d5	7.298	82	1012874	70.144	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	453387	110.284	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1811776	74.150	ng	0.00
79) Terphenyl-d14	12.839	244	2035950	92.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.422	88	94474	15.717	ng	98
3) Pyridine	3.122	79	229482	14.374	ng	100
4) n-Nitrosodimethylamine	3.063	42	131184	15.863	ng	99
6) Aniline	6.393	93	519713	25.086	ng	96
8) 2-Chlorophenol	6.516	128	417912	31.761	ng	94
9) Benzaldehyde	6.275	77	291103	38.819	ng	100
10) Phenol	6.381	94	228642	12.885	ng	80
11) bis(2-Chloroethyl)ether	6.463	93	476728	35.801	ng	99
12) 1,3-Dichlorobenzene	6.669	146	435057	31.099	ng	99
13) 1,4-Dichlorobenzene	6.745	146	450933	32.162	ng	98
14) 1,2-Dichlorobenzene	6.898	146	439252	33.982	ng	97
15) Benzyl Alcohol	6.875	79	284141	25.572	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	771545	33.359	ng	97
17) 2-Methylphenol	6.992	107	292396	24.268	ng	99
18) Hexachloroethane	7.245	117	148860	30.539	ng	99
19) n-Nitroso-di-n-propyla...	7.151	70	354603	35.410	ng	96
20) 3+4-Methylphenols	7.145	107	321489	22.657	ng	# 86
22) Acetophenone	7.140	105	695669	38.530	ng	# 94
24) Nitrobenzene	7.316	77	516652	35.309	ng	99
25) Isophorone	7.557	82	1000853	36.505	ng	100
26) 2-Nitrophenol	7.634	139	272781	38.650	ng	95
27) 2,4-Dimethylphenol	7.675	122	421881	34.861	ng	100
28) bis(2-Chloroethoxy)met...	7.769	93	595946	36.743	ng	99
29) 2,4-Dichlorophenol	7.875	162	404752	36.739	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	397476	34.825	ng	99
31) Naphthalene	8.039	128	1376327	35.319	ng	100
32) Benzoic acid	7.757	122	91550	12.247	ng	97
33) 4-Chloroaniline	8.086	127	388396	24.668	ng	98
34) Hexachlorobutadiene	8.157	225	210076	33.209	ng	99
35) Caprolactam	8.451	113	36970m	9.989	ng	
36) 4-Chloro-3-methylphenol	8.569	107	415249	34.953	ng	99
37) 2-Methylnaphthalene	8.728	142	961132	36.076	ng	99
38) 1-Methylnaphthalene	8.828	142	909705	36.500	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	395579	35.991	ng	100
41) Hexachlorocyclopentadiene	8.886	237	445939	69.570	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	292475	38.478	ng	99

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44) 2,4,5-Trichlorophenol	9.045	196	313122	35.619	ng	99
46) 1,1'-Biphenyl	9.192	154	1236531	38.147	ng	99
47) 2-Chloronaphthalene	9.216	162	914685	38.553	ng	98
48) 2-Nitroaniline	9.310	65	298629	38.085	ng	95
49) Acenaphthylene	9.633	152	1456567	38.422	ng	99
50) Dimethylphthalate	9.498	163	1113990	39.083	ng	99
51) 2,6-Dinitrotoluene	9.557	165	261371	40.741	ng	86
52) Acenaphthene	9.804	154	1048168m	41.283	ng	
53) 3-Nitroaniline	9.722	138	196366	25.743	ng	99
54) 2,4-Dinitrophenol	9.828	184	259509	80.476	ng	97
55) Dibenzofuran	9.975	168	1308868	37.791	ng	98
56) 4-Nitrophenol	9.886	139	161768	27.381	ng	93
57) 2,4-Dinitrotoluene	9.957	165	345658	42.249	ng	99
58) Fluorene	10.316	166	985653	38.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	269724	39.577	ng	97
60) Diethylphthalate	10.198	149	1078473	40.057	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	470903	38.082	ng	95
62) 4-Nitroaniline	10.339	138	272782	38.908	ng	95
63) Azobenzene	10.475	77	1191478	41.776	ng	94
65) 4,6-Dinitro-2-methylph...	10.369	198	188472	43.652	ng	96
66) n-Nitrosodiphenylamine	10.433	169	910644	39.412	ng	98
67) 4-Bromophenyl-phenylether	10.798	248	301204	38.988	ng	94
68) Hexachlorobenzene	10.869	284	328727	41.525	ng	97
69) Atrazine	10.963	200	302061	45.369	ng	98
70) Pentachlorophenol	11.063	266	372289	66.033	ng	97
71) Phenanthrene	11.280	178	1510351	39.450	ng	99
72) Anthracene	11.327	178	1561238	39.847	ng	99
73) Carbazole	11.486	167	1395169	39.990	ng	99
74) Di-n-butylphthalate	11.822	149	1695737	42.951	ng	99
75) Fluoranthene	12.463	202	1490641	38.795	ng	99
77) Benzidine	12.586	184	374973	58.404	ng	# 93
78) Pyrene	12.692	202	1521308	46.744	ng	99
80) Butylbenzylphthalate	13.316	149	626765	54.390	ng	99
81) Benzo(a)anthracene	13.874	228	1041645	39.897	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	229164	31.774	ng	98
83) Chrysene	13.916	228	1010887	38.729	ng	99
84) Bis(2-ethylhexyl)phtha...	13.880	149	720339	49.801	ng	100
85) Di-n-octyl phthalate	14.492	149	1175011	49.821	ng	96
87) Indeno(1,2,3-cd)pyrene	16.692	276	1125400	52.020	ng	99
88) Benzo(b)fluoranthene	14.904	252	945894	39.093	ng	99
89) Benzo(k)fluoranthene	14.933	252	917109	38.236	ng	100
90) Benzo(a)pyrene	15.245	252	847317	38.473	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	941827	52.197	ng	99
92) Benzo(g,h,i)perylene	17.104	276	924649	51.906	ng	100

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

