

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
 Data File : BF133152.D
 Acq On : 01 May 2023 13:18
 Operator : CG\JU
 Sample : 02521-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-7MS

Quant Time: May 02 05:17:55 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	203700	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	837623	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	424855	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	739323	20.000	ng	0.00
76) Chrysene-d12	13.886	240	372991	20.000	ng	0.00
86) Perylene-d12	15.304	264	387375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	698632	51.810	ng	0.00
7) Phenol-d6	6.369	99	554458	33.127	ng	0.00
23) Nitrobenzene-d5	7.298	82	1088894	70.169	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	462540	108.254	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1880899	74.066	ng	0.00
79) Terphenyl-d14	12.839	244	2027079	93.730	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.428	88	101222	16.183	ng	99
3) Pyridine	3.128	79	243753	14.673	ng	97
4) n-Nitrosodimethylamine	3.069	42	142997	16.619	ng	96
6) Aniline	6.392	93	523622	24.290	ng	100
8) 2-Chlorophenol	6.516	128	446149	32.586	ng	95
9) Benzaldehyde	6.275	77	312198	40.673	ng	99
10) Phenol	6.381	94	243471	13.186	ng	82
11) bis(2-Chloroethyl)ether	6.463	93	507815	36.650	ng	99
12) 1,3-Dichlorobenzene	6.669	146	468330	32.174	ng	99
13) 1,4-Dichlorobenzene	6.751	146	487375	33.408	ng	97
14) 1,2-Dichlorobenzene	6.898	146	464600	34.543	ng	97
15) Benzyl Alcohol	6.875	79	316556	27.380	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	831230	34.540	ng	97
17) 2-Methylphenol	6.992	107	322456	25.721	ng	99
18) Hexachloroethane	7.245	117	162549	32.048	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	384440	36.895	ng	98
20) 3+4-Methylphenols	7.145	107	343957	23.297	ng	# 78
22) Acetophenone	7.140	105	746576	38.477	ng	# 95
24) Nitrobenzene	7.316	77	554438	35.258	ng	97
25) Isophorone	7.557	82	1072898	36.414	ng	99
26) 2-Nitrophenol	7.634	139	292874	38.614	ng	94
27) 2,4-Dimethylphenol	7.675	122	451663	34.729	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	647698	37.159	ng	99
29) 2,4-Dichlorophenol	7.875	162	428878	36.224	ng	99
30) 1,2,4-Trichlorobenzene	7.957	180	435251	35.485	ng	99
31) Naphthalene	8.039	128	1466521	35.018	ng	100
32) Benzoic acid	7.763	122	95719	11.915	ng	98
33) 4-Chloroaniline	8.086	127	342788	20.259	ng	98
34) Hexachlorobutadiene	8.157	225	222960	32.797	ng	98
35) Caprolactam	8.451	113	38488m	9.677	ng	
36) 4-Chloro-3-methylphenol	8.569	107	449579	35.213	ng	99
37) 2-Methylnaphthalene	8.728	142	1010221	35.284	ng	98
38) 1-Methylnaphthalene	8.828	142	969876	36.211	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	417077	36.512	ng	98
41) Hexachlorocyclopentadiene	8.886	237	461079	69.210	ng	98
43) 2,4,6-Trichlorophenol	9.010	196	309689	39.202	ng	99

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44) 2,4,5-Trichlorophenol	9.045	196	332974	36.445	ng	97
46) 1,1'-Biphenyl	9.192	154	1284949	38.141	ng	100
47) 2-Chloronaphthalene	9.216	162	969683	39.325	ng	98
48) 2-Nitroaniline	9.316	65	327124	40.141	ng	94
49) Acenaphthylene	9.633	152	1500595	38.086	ng	99
50) Dimethylphthalate	9.498	163	1173976	39.629	ng	100
51) 2,6-Dinitrotoluene	9.557	165	272598	40.884	ng	96
52) Acenaphthene	9.804	154	1112292m	42.151	ng	
53) 3-Nitroaniline	9.722	138	185409	23.387	ng	98
54) 2,4-Dinitrophenol	9.833	184	259952	77.563	ng	90
55) Dibenzofuran	9.975	168	1385359	38.486	ng	98
56) 4-Nitrophenol	9.886	139	166980	27.194	ng	87
57) 2,4-Dinitrotoluene	9.957	165	357671	42.063	ng	# 99
58) Fluorene	10.322	166	1018120	38.606	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	278210	39.278	ng	99
60) Diethylphthalate	10.198	149	1124204	40.176	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	489009	38.050	ng	95
62) 4-Nitroaniline	10.339	138	285180	39.138	ng	98
63) Azobenzene	10.475	77	1274605	42.999	ng	97
65) 4,6-Dinitro-2-methylph...	10.369	198	190757	42.568	ng	89
66) n-Nitrosodiphenylamine	10.433	169	942359	39.295	ng	100
67) 4-Bromophenyl-phenylether	10.798	248	315783	39.382	ng	93
68) Hexachlorobenzene	10.869	284	337115	41.030	ng	100
69) Atrazine	10.963	200	301473	43.627	ng	96
70) Pentachlorophenol	11.063	266	370011	63.232	ng	96
71) Phenanthrene	11.280	178	1563790	39.354	ng	100
72) Anthracene	11.327	178	1605387	39.478	ng	99
73) Carbazole	11.486	167	1426208	39.387	ng	99
74) Di-n-butylphthalate	11.822	149	1731043	42.244	ng	100
75) Fluoranthene	12.463	202	1512872	37.936	ng	99
77) Benzidine	12.586	184	330122	52.338	ng	# 94
78) Pyrene	12.692	202	1528170	47.794	ng	99
80) Butylbenzylphthalate	13.316	149	611682	54.030	ng	95
81) Benzo(a)anthracene	13.874	228	1027367	40.054	ng	100
82) 3,3'-Dichlorobenzidine	13.839	252	197957	27.938	ng	99
83) Chrysene	13.916	228	1010845	39.420	ng	98
84) Bis(2-ethylhexyl)phtha...	13.880	149	716852	50.447	ng	99
85) Di-n-octyl phthalate	14.492	149	1161593	50.133	ng	98
87) Indeno(1,2,3-cd)pyrene	16.692	276	1132520	51.397	ng	100
88) Benzo(b)fluoranthene	14.904	252	953584	38.694	ng	98
89) Benzo(k)fluoranthene	14.933	252	941838	38.553	ng	99
90) Benzo(a)pyrene	15.251	252	859791	38.330	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	956227	52.031	ng	99
92) Benzo(g,h,i)perylene	17.109	276	932892	51.417	ng	97

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

