

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136108.D
 Acq On : 02 Nov 2023 21:36
 Operator : CG\JU
 Sample : 05050-06MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1MSD

Quant Time: Nov 02 23:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	113010	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	451590	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	227144	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	369524	20.000	ng	0.00
76) Chrysene-d12	14.009	240	235884	20.000	ng	0.00
86) Perylene-d12	15.498	264	204221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	602539	83.783	ng	0.00
7) Phenol-d6	6.457	99	749672	83.665	ng	0.00
23) Nitrobenzene-d5	7.386	82	461148	61.558	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	202307	83.443	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	864227	60.652	ng	0.00
79) Terphenyl-d14	12.951	244	776553	51.160	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	123122	39.316	ng	98
3) Pyridine	3.398	79	293193	34.301	ng	98
4) n-Nitrosodimethylamine	3.369	42	158468	44.341	ng	86
6) Aniline	6.481	93	295888	25.506	ng	99
8) 2-Chlorophenol	6.604	128	353816	46.018	ng	99
9) Benzaldehyde	6.369	77	92567	18.527	ng	99
10) Phenol	6.469	94	424402	45.793	ng	93
11) bis(2-Chloroethyl)ether	6.557	93	317943	43.822	ng	96
12) 1,3-Dichlorobenzene	6.763	146	367818	45.964	ng	97
13) 1,4-Dichlorobenzene	6.839	146	375315	46.799	ng	97
14) 1,2-Dichlorobenzene	6.986	146	354910	47.329	ng	96
15) Benzyl Alcohol	6.963	79	290820	45.774	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	439297	43.989	ng	99
17) 2-Methylphenol	7.075	107	267200	40.965	ng	96
18) Hexachloroethane	7.328	117	132159	46.886	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	224499	43.850	ng	99
20) 3+4-Methylphenols	7.228	107	325294	40.899	ng	94
22) Acetophenone	7.228	105	453390	45.277	ng	# 86
24) Nitrobenzene	7.404	77	343615	45.346	ng	95
25) Isophorone	7.639	82	625827	44.251	ng	99
26) 2-Nitrophenol	7.716	139	179971	52.056	ng	91
27) 2,4-Dimethylphenol	7.757	122	256770	39.303	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	374645	43.235	ng	99
29) 2,4-Dichlorophenol	7.957	162	279946	45.454	ng	95
30) 1,2,4-Trichlorobenzene	8.045	180	308982	45.989	ng	99
31) Naphthalene	8.128	128	954238	43.819	ng	99
32) Benzoic acid	7.869	122	204077m	39.954	ng	
33) 4-Chloroaniline	8.169	127	94440	9.903	ng	99
34) Hexachlorobutadiene	8.239	225	180057	46.731	ng	98
35) Caprolactam	8.551	113	92876m	46.377	ng	
36) 4-Chloro-3-methylphenol	8.657	107	298367	46.145	ng	97
37) 2-Methylnaphthalene	8.816	142	614575	42.090	ng	99
38) 1-Methylnaphthalene	8.916	142	593793	43.699	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	296580	45.783	ng	99
41) Hexachlorocyclopentadiene	8.969	237	244426	70.627	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	197074	46.659	ng	99

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44) 2,4,5-Trichlorophenol	9.133	196	207706	42.452	ng	96
46) 1,1'-Biphenyl	9.286	154	784361	45.298	ng	98
47) 2-Chloronaphthalene	9.304	162	585131	45.839	ng	97
48) 2-Nitroaniline	9.404	65	178929	47.364	ng	98
49) Acenaphthylene	9.722	152	931700	46.787	ng	100
50) Dimethylphthalate	9.586	163	682795	45.572	ng	99
51) 2,6-Dinitrotoluene	9.651	165	154080	48.082	ng	93
52) Acenaphthene	9.898	154	545701	43.107	ng	100
53) 3-Nitroaniline	9.816	138	102032	27.288	ng	99
54) 2,4-Dinitrophenol	9.922	184	115109	67.646	ng	92
55) Dibenzofuran	10.069	168	809642	43.861	ng	97
56) 4-Nitrophenol	9.980	139	242622	86.747	ng	88
57) 2,4-Dinitrotoluene	10.051	165	200158	49.367	ng	97
58) Fluorene	10.416	166	612260	44.300	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	172866	44.441	ng	99
60) Diethylphthalate	10.292	149	653387	45.642	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	299173	43.365	ng	92
62) 4-Nitroaniline	10.433	138	144786	40.213	ng	95
63) Azobenzene	10.569	77	592739	42.993	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	82126	41.359	ng	80
66) n-Nitrosodiphenylamine	10.527	169	547419	49.108	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	191507	49.431	ng	# 91
68) Hexachlorobenzene	10.957	284	209892	50.727	ng	# 89
69) Atrazine	11.057	200	190764	62.898	ng	95
70) Pentachlorophenol	11.157	266	215604	81.136	ng	99
71) Phenanthrene	11.380	178	865530	46.520	ng	99
72) Anthracene	11.427	178	865199	45.381	ng	99
73) Carbazole	11.586	167	723914	43.695	ng	99
74) Di-n-butylphthalate	11.927	149	922314	48.720	ng	99
75) Fluoranthene	12.568	202	750271	39.253	ng	100
77) Benzidine	12.698	184	182411	39.675	ng	98
78) Pyrene	12.804	202	747828	35.959	ng	99
80) Butylbenzylphthalate	13.433	149	296570	39.839	ng	100
81) Benzo(a)anthracene	13.998	228	695199	44.518	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	142091	28.508	ng	98
83) Chrysene	14.039	228	637708	41.466	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	404601	46.651	ng	99
85) Di-n-octyl phthalate	14.621	149	671198	51.660	ng	100
87) Indeno(1,2,3-cd)pyrene	17.003	276	449389	33.670	ng	98
88) Benzo(b)fluoranthene	15.062	252	608587	50.363	ng	99
89) Benzo(k)fluoranthene	15.092	252	562939	47.082	ng	99
90) Benzo(a)pyrene	15.433	252	487143	43.386	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	376361	34.424	ng	97
92) Benzo(g,h,i)perylene	17.462	276	345860	29.005	ng	99

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

Manual Integrations

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