

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126393.D
 Acq On : 28 Dec 2021 21:24
 Operator : JU/CG
 Sample : M5115-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/29/2021
 Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 29 08:24:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	135878	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	573021	20.000	ng	#-0.01
39) Acenaphthene-d10	9.851	164	192273	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	255999	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	173184	20.000	ng	0.00
86) Perylene-d12	15.421	264	200530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	663591	71.920	ng	0.00
7) Phenol-d6	6.440	99	570932	48.732	ng	0.00
23) Nitrobenzene-d5	7.375	82	1090678	103.086	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	220242	142.534	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1108268	101.094	ng	0.00
79) Terphenyl-d14	12.922	244	762254	76.502	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	112314	24.937	ng	# 100
3) Pyridine	3.310	79	194540	16.265	ng	# 79
4) n-Nitrosodimethylamine	3.246	42	120260	26.161	ng	# 2
6) Aniline	6.469	93	425708	28.607	ng	96
8) 2-Chlorophenol	6.593	128	435001	46.491	ng	87
9) Benzaldehyde	6.357	77	279420	39.524	ng	94
10) Phenol	6.451	94	276270	21.008	ng	87
11) bis(2-Chloroethyl)ether	6.545	93	554213	54.292	ng	98
12) 1,3-Dichlorobenzene	6.751	146	439477	46.562	ng	98
13) 1,4-Dichlorobenzene	6.828	146	452387	47.463	ng	95
14) 1,2-Dichlorobenzene	6.981	146	436494	49.530	ng	97
15) Benzyl Alcohol	6.951	79	308687	36.092	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.087	45	858700	51.404	ng	95
17) 2-Methylphenol	7.069	107	302088	36.855	ng	98
18) Hexachloroethane	7.328	117	201012	53.616	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	391081	54.376	ng	# 73
20) 3+4-Methylphenols	7.222	107	313963	32.400	ng	# 46
22) Acetophenone	7.222	105	720207	54.612	ng	# 97
24) Nitrobenzene	7.392	77	577299	54.658	ng	90
25) Isophorone	7.634	82	1033395	51.722	ng	# 87
26) 2-Nitrophenol	7.710	139	252902	53.115	ng	# 81
27) 2,4-Dimethylphenol	7.751	122	401857	49.698	ng	96
28) bis(2-Chloroethoxy)met...	7.845	93	664258	50.567	ng	# 96
29) 2,4-Dichlorophenol	7.951	162	359617	50.033	ng	92
30) 1,2,4-Trichlorobenzene	8.040	180	353398	47.534	ng	99
31) Naphthalene	8.116	128	1341523	50.061	ng	99
32) Benzoic acid	7.845	122	95599	13.724	ng	90
33) 4-Chloroaniline	8.163	127	241439	21.578	ng	97
34) Hexachlorobutadiene	8.239	225	165923	45.441	ng	98
35) Caprolactam	8.539	113	17254	9.659	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	296594	34.982	ng	90
37) 2-Methylnaphthalene	8.810	142	670013	40.599	ng	99
38) 1-Methylnaphthalene	8.910	142	617668	38.567	ng	94
40) 1,2,4,5-Tetrachloroben...	8.975	216	244196	58.845	ng	97
41) Hexachlorocyclopentadiene	8.963	237	171866	72.323	ng	96
43) 2,4,6-Trichlorophenol	9.086	196	168893	51.738	ng	95

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44) 2,4,5-Trichlorophenol	9.128	196	175783	51.999	ng	96
46) 1,1'-Biphenyl	9.275	154	786567	55.326	ng	98
47) 2-Chloronaphthalene	9.298	162	567775	53.080	ng	96
48) 2-Nitroaniline	9.392	65	193742	49.624	ng	93
49) Acenaphthylene	9.716	152	861834	52.729	ng	99
50) Dimethylphthalate	9.581	163	648518	53.246	ng	99
51) 2,6-Dinitrotoluene	9.639	165	140534	53.309	ng	96
52) Acenaphthene	9.886	154	602408m	56.833	ng	
53) 3-Nitroaniline	9.798	138	73483	21.931	ng	# 76
54) 2,4-Dinitrophenol	9.910	184	103206	95.081	ng	# 86
55) Dibenzofuran	10.057	168	746082	51.699	ng	100
56) 4-Nitrophenol	9.963	139	89934	37.158	ng	# 78
57) 2,4-Dinitrotoluene	10.039	165	172618	51.332	ng	# 95
58) Fluorene	10.398	166	526662	50.411	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	120222	47.964	ng	# 97
60) Diethylphthalate	10.275	149	598537	48.901	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	237152	50.415	ng	99
62) 4-Nitroaniline	10.416	138	129648	46.125	ng	# 76
63) Azobenzene	10.551	77	676472	45.630	ng	86
65) 4,6-Dinitro-2-methylph...	10.445	198	68477	48.985	ng	93
66) n-Nitrosodiphenylamine	10.510	169	483470	58.846	ng	98
67) 4-Bromophenyl-phenylether	10.880	248	143076	59.550	ng	# 89
68) Hexachlorobenzene	10.951	284	168128	60.844	ng	# 83
69) Atrazine	11.045	200	126448	83.984	ng	96
70) Pentachlorophenol	11.145	266	161049	105.055	ng	91
71) Phenanthrene	11.363	178	718184	54.355	ng	99
72) Anthracene	11.410	178	732174	55.209	ng	99
73) Carbazole	11.569	167	657870	52.674	ng	99
74) Di-n-butylphthalate	11.904	149	808760	51.082	ng	100
75) Fluoranthene	12.551	202	661013	55.526	ng	96
77) Benzidine	12.674	184	17063	6.249	ng	# 88
78) Pyrene	12.774	202	671499	42.204	ng	96
80) Butylbenzylphthalate	13.398	149	327970	43.804	ng	# 82
81) Benzo(a)anthracene	13.969	228	509828	49.698	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	117219	25.011	ng	98
83) Chrysene	14.004	228	535455	50.237	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	420391	50.245	ng	99
85) Di-n-octyl phthalate	14.574	149	818214	54.859	ng	98
87) Indeno(1,2,3-cd)pyrene	16.851	276	552909	41.337	ng	93
88) Benzo(b)fluoranthene	15.004	252	611984	50.792	ng	99
89) Benzo(k)fluoranthene	15.033	252	501896	43.544	ng	# 97
90) Benzo(a)pyrene	15.363	252	666835	66.589	ng	# 96
91) Dibenzo(a,h)anthracene	16.874	278	478340	43.993	ng	96
92) Benzo(g,h,i)perylene	17.280	276	370736	32.955	ng	96

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

