

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081821\
 Data File : BF125097.D
 Acq On : 18 Aug 2021 20:15
 Operator : JU/CG
 Sample : M3441-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4MS

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:27:01 PM

Quant Time: Aug 19 06:47:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 17:03:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	163168	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	642745	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	325366	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	553492	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	315057	20.000	ng	0.00
86) Perylene-d12	15.586	264	314413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	1193863	110.747	ng	0.02
7) Phenol-d6	6.545	99	1389372	99.653	ng	0.00
23) Nitrobenzene-d5	7.486	82	1087398	85.172	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	433758	133.551	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1827038	78.263	ng	0.00
79) Terphenyl-d14	13.033	244	1769147	89.457	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.951	88	218151	41.010	ng	# 100
3) Pyridine	3.634	79	346668	24.687	ng	90
4) n-Nitrosodimethylamine	3.587	42	311547	44.336	ng	# 44
6) Aniline	6.587	93	225634	13.777	ng	# 96
8) 2-Chlorophenol	6.710	128	496257	45.126	ng	83
9) Benzaldehyde	6.475	77	189651	19.383	ng	93
10) Phenol	6.557	94	542916	37.185	ng	95
11) bis(2-Chloroethyl)ether	6.657	93	536614	46.666	ng	83
12) 1,3-Dichlorobenzene	6.863	146	541624	42.502	ng	97
13) 1,4-Dichlorobenzene	6.939	146	548993	43.235	ng	96
14) 1,2-Dichlorobenzene	7.092	146	523840	43.850	ng	97
15) Benzyl Alcohol	7.063	79	469052	43.695	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	1070337	46.414	ng	98
17) 2-Methylphenol	7.169	107	408980	44.271	ng	95
18) Hexachloroethane	7.434	117	199195	44.799	ng	93
19) n-Nitroso-di-n-propyla...	7.334	70	379607	45.267	ng	# 81
20) 3+4-Methylphenols	7.322	107	478148	41.233	ng	90
22) Acetophenone	7.334	105	697812	42.185	ng	95
24) Nitrobenzene	7.504	77	591324	42.506	ng	# 88
25) Isophorone	7.739	82	1062228	43.129	ng	# 88
26) 2-Nitrophenol	7.816	139	261680	47.108	ng	# 78
27) 2,4-Dimethylphenol	7.851	122	448491	46.119	ng	87
28) bis(2-Chloroethoxy)met...	7.951	93	645021	47.300	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	424531	42.806	ng	96
30) 1,2,4-Trichlorobenzene	8.145	180	451939	41.789	ng	94
31) Naphthalene	8.228	128	1357621	41.243	ng	99
32) Benzoic acid	7.963	122	309244m	46.852	ng	
33) 4-Chloroaniline	8.269	127	89021	6.860	ng	# 92
34) Hexachlorobutadiene	8.339	225	283503	41.112	ng	99
35) Caprolactam	8.639	113	109959m	42.806	ng	
36) 4-Chloro-3-methylphenol	8.745	107	453961	44.837	ng	88
37) 2-Methylnaphthalene	8.916	142	946115	43.496	ng	100
38) 1-Methylnaphthalene	9.016	142	876781	43.165	ng	96
40) 1,2,4,5-Tetrachloroben...	9.081	216	440411	41.430	ng	98
41) Hexachlorocyclopentadiene	9.075	237	540385	96.757	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	326948	43.681	ng	97

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44) 2,4,5-Trichlorophenol	9.228	196	339114	43.064	ng	96
46) 1,1'-Biphenyl	9.380	154	1080257	41.182	ng	98
47) 2-Chloronaphthalene	9.410	162	893139	41.899	ng	98
48) 2-Nitroaniline	9.498	65	312397	47.278	ng	# 80
49) Acenaphthylene	9.828	152	1345712	43.323	ng	99
50) Dimethylphthalate	9.680	163	1024921	45.456	ng	# 97
51) 2,6-Dinitrotoluene	9.745	165	228627	46.762	ng	95
52) Acenaphthene	9.998	154	896651	46.564	ng	99
53) 3-Nitroaniline	9.904	138	70414	13.355	ng	# 70
54) 2,4-Dinitrophenol	10.016	184	218385	113.082	ng	# 84
55) Dibenzofuran	10.169	168	1161848	41.925	ng	99
56) 4-Nitrophenol	10.063	139	321508	77.003	ng	# 75
57) 2,4-Dinitrotoluene	10.145	165	293792	49.650	ng	# 95
58) Fluorene	10.510	166	859813	41.966	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.280	232	253413	43.364	ng	# 88
60) Diethylphthalate	10.380	149	995839	45.304	ng	98
61) 4-Chlorophenyl-phenyle...	10.504	204	440971	42.569	ng	# 86
62) 4-Nitroaniline	10.527	138	185270	39.077	ng	# 82
63) Azobenzene	10.663	77	1056956	42.869	ng	92
65) 4,6-Dinitro-2-methylph...	10.551	198	135825	46.366	ng	90
66) n-Nitrosodiphenylamine	10.622	169	810898	40.916	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	299743	45.098	ng	95
68) Hexachlorobenzene	11.057	284	308495	45.118	ng	# 87
69) Atrazine	11.145	200	187225	32.922	ng	91
70) Pentachlorophenol	11.251	266	346463	86.781	ng	90
71) Phenanthrene	11.474	178	1282164	42.041	ng	98
72) Anthracene	11.527	178	1303089	43.349	ng	99
73) Carbazole	11.674	167	1055956	38.441	ng	100
74) Di-n-butylphthalate	12.010	149	1464772	44.935	ng	99
75) Fluoranthene	12.663	202	1266853	41.864	ng	98
77) Benzidine	12.780	184	119234	10.836	ng	98
78) Pyrene	12.892	202	1250835	46.283	ng	96
80) Butylbenzylphthalate	13.504	149	534203	50.305	ng	88
81) Benzo(a)anthracene	14.080	228	975766	42.985	ng	98
82) 3,3'-Dichlorobenzidine	14.039	252	98060	13.936	ng	# 95
83) Chrysene	14.115	228	955649	42.569	ng	96
84) Bis(2-ethylhexyl)phtha...	14.063	149	692646	47.456	ng	98
85) Di-n-octyl phthalate	14.680	149	1132254	46.643	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	1219351	53.832	ng	# 92
88) Benzo(b)fluoranthene	15.145	252	974998	42.446	ng	# 95
89) Benzo(k)fluoranthene	15.174	252	946460	44.155	ng	99
90) Benzo(a)pyrene	15.521	252	966010	47.609	ng	97
91) Dibenzo(a,h)anthracene	17.121	278	1017140	51.949	ng	96
92) Benzo(g,h,i)perylene	17.568	276	1051414	55.693	ng	# 88

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

