

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126394.D
 Acq On : 28 Dec 2021 21:56
 Operator : JU/CG
 Sample : M5115-07MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

Manual Integrations APPROVED

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

Quant Time: Dec 29 08:24:54 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	148836	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	502444	20.000	ng	#-0.01
39) Acenaphthene-d10	9.851	164	206739	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	274063	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	175156	20.000	ng	0.00
86) Perylene-d12	15.421	264	159575	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	704219	69.679	ng	0.00
7) Phenol-d6	6.439	99	621006	48.392	ng	0.00
23) Nitrobenzene-d5	7.375	82	1102308	118.819	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	236718	142.477	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1168788	99.155	ng	0.00
79) Terphenyl-d14	12.921	244	763596	75.774	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.587	88	118709	24.062	ng	# 100
3) Pyridine	3.316	79	207639	15.849	ng	# 78
4) n-Nitrosodimethylamine	3.251	42	127548	25.331	ng	# 4
6) Aniline	6.469	93	458148	28.106	ng	96
8) 2-Chlorophenol	6.592	128	451593	44.062	ng	88
9) Benzaldehyde	6.357	77	300397	38.792	ng	94
10) Phenol	6.451	94	295378	20.505	ng	88
11) bis(2-Chloroethyl)ether	6.545	93	563411	50.388	ng	97
12) 1,3-Dichlorobenzene	6.751	146	474320	45.878	ng	97
13) 1,4-Dichlorobenzene	6.828	146	478528	45.835	ng	95
14) 1,2-Dichlorobenzene	6.981	146	450138	46.631	ng	96
15) Benzyl Alcohol	6.951	79	327364	34.944	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.092	45	928994	50.770	ng	93
17) 2-Methylphenol	7.069	107	319758	35.614	ng	97
18) Hexachloroethane	7.322	117	203164	49.472	ng	94
19) n-Nitroso-di-n-propyla...	7.228	70	389513	49.443	ng	# 73
20) 3+4-Methylphenols	7.222	107	315273	29.703	ng	# 51
22) Acetophenone	7.222	105	711183	61.502	ng	# 97
24) Nitrobenzene	7.392	77	591854	63.907	ng	89
25) Isophorone	7.633	82	1163875	66.435	ng	# 87
26) 2-Nitrophenol	7.710	139	291418	69.802	ng	# 83
27) 2,4-Dimethylphenol	7.751	122	449446	63.391	ng	96
28) bis(2-Chloroethoxy)met...	7.845	93	735847	63.885	ng	# 97
29) 2,4-Dichlorophenol	7.951	162	369437	58.619	ng	91
30) 1,2,4-Trichlorobenzene	8.033	180	364661	55.939	ng	96
31) Naphthalene	8.116	128	1094566	46.583	ng	99
32) Benzoic acid	7.851	122	109105	17.862	ng	92
33) 4-Chloroaniline	8.163	127	199639	20.349	ng	98
34) Hexachlorobutadiene	8.233	225	142285	44.441	ng	99
35) Caprolactam	8.539	113	18434	11.769	ng	# 77
36) 4-Chloro-3-methylphenol	8.645	107	318373	42.825	ng	88
37) 2-Methylnaphthalene	8.810	142	701404	48.472	ng	98
38) 1-Methylnaphthalene	8.910	142	648654	46.191	ng	94
40) 1,2,4,5-Tetrachloroben...	8.975	216	256879	57.570	ng	# 96
41) Hexachlorocyclopentadiene	8.963	237	183371	71.765	ng	94
43) 2,4,6-Trichlorophenol	9.086	196	178054	50.727	ng	92

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44) 2,4,5-Trichlorophenol	9.127	196	185353	50.993	ng	96
46) 1,1'-Biphenyl	9.275	154	824261	53.921	ng	98
47) 2-Chloronaphthalene	9.298	162	600307	52.195	ng	96
48) 2-Nitroaniline	9.392	65	211697	50.428	ng	92
49) Acenaphthylene	9.716	152	897170	51.050	ng	98
50) Dimethylphthalate	9.580	163	685216	52.323	ng	98
51) 2,6-Dinitrotoluene	9.639	165	150991	53.268	ng	94
52) Acenaphthene	9.886	154	636368m	55.836	ng	
53) 3-Nitroaniline	9.804	138	76325	21.185	ng	86
54) 2,4-Dinitrophenol	9.910	184	110182	94.405	ng	# 86
55) Dibenzofuran	10.057	168	783338	50.482	ng	99
56) 4-Nitrophenol	9.969	139	94128	36.170	ng	84
57) 2,4-Dinitrotoluene	10.039	165	188796	52.214	ng	# 95
58) Fluorene	10.404	166	556373	49.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	134547	49.923	ng	# 95
60) Diethylphthalate	10.274	149	631296	47.968	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	249757	49.380	ng	99
62) 4-Nitroaniline	10.416	138	139746	46.239	ng	# 76
63) Azobenzene	10.551	77	711237	44.618	ng	86
65) 4,6-Dinitro-2-methylph...	10.445	198	74530	49.801	ng	92
66) n-Nitrosodiphenylamine	10.510	169	504483	57.356	ng	99
67) 4-Bromophenyl-phenylether	10.880	248	152814	59.411	ng	92
68) Hexachlorobenzene	10.951	284	176942	59.813	ng	# 83
69) Atrazine	11.045	200	133852	83.041	ng	94
70) Pentachlorophenol	11.145	266	166156	101.243	ng	93
71) Phenanthrene	11.363	178	754505	53.340	ng	98
72) Anthracene	11.416	178	768441	54.124	ng	99
73) Carbazole	11.569	167	667521	49.924	ng	99
74) Di-n-butylphthalate	11.904	149	847334	49.990	ng	100
75) Fluoranthene	12.551	202	669117	52.502	ng	96
77) Benzidine	12.674	184	16975	6.147	ng	# 86
78) Pyrene	12.774	202	679270	42.212	ng	96
80) Butylbenzylphthalate	13.398	149	333487	44.039	ng	# 84
81) Benzo(a)anthracene	13.968	228	503515	48.530	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	115930	24.458	ng	99
83) Chrysene	14.004	228	552083	51.214	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	423033	49.992	ng	100
85) Di-n-octyl phthalate	14.574	149	821085	54.431	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	555425	52.183	ng	# 92
88) Benzo(b)fluoranthene	15.004	252	610431	63.665	ng	100
89) Benzo(k)fluoranthene	15.033	252	504744	55.030	ng	# 97
90) Benzo(a)pyrene	15.362	252	520637	65.333	ng	97
91) Dibenzo(a,h)anthracene	16.868	278	481366	55.633	ng	# 95
92) Benzo(g,h,i)perylene	17.286	276	460812	51.475	ng	95

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

