

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125290.D
 Acq On : 31 Aug 2021 15:59
 Operator : JU/CG
 Sample : M3593-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ETGI-280MSD

Manual Integrations
 APPROVED

mohammad
 9/1/2021 4:02:02 PM

Quant Time: Aug 31 17:53:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	190546	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	768893	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	423535	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	808765	20.000	ng	0.00
76) Chrysene-d12	14.086	240	473266	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	471021	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1125788	89.427	ng	0.02
7) Phenol-d6	6.551	99	1447806	88.923	ng	0.01
23) Nitrobenzene-d5	7.481	82	952808	62.386	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	496914	117.534	ng	0.01
45) 2-Fluorobiphenyl	9.274	172	1600299	52.661	ng	0.00
79) Terphenyl-d14	13.027	244	1955201	65.815	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	228188	36.734	ng	# 100
3) Pyridine	3.528	79	525687	32.056	ng	# 90
4) n-Nitrosodimethylamine	3.487	42	320458	39.052	ng	# 38
6) Aniline	6.581	93	818865	42.817	ng	# 94
8) 2-Chlorophenol	6.704	128	546099	42.523	ng	83
9) Benzaldehyde	6.469	77	384272	33.631	ng	94
10) Phenol	6.563	94	749454	43.955	ng	93
11) bis(2-Chloroethyl)ether	6.651	93	573938	42.741	ng	85
12) 1,3-Dichlorobenzene	6.857	146	595775	40.034	ng	97
13) 1,4-Dichlorobenzene	6.933	146	609776	41.122	ng	98
14) 1,2-Dichlorobenzene	7.086	146	580895	41.639	ng	98
15) Benzyl Alcohol	7.057	79	539941	43.072	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1068832	39.689	ng	96
17) 2-Methylphenol	7.169	107	474895	44.020	ng	96
18) Hexachloroethane	7.428	117	218166	42.016	ng	# 86
19) n-Nitroso-di-n-propyla...	7.333	70	410967	41.965	ng	# 75
20) 3+4-Methylphenols	7.322	107	540974	39.948	ng	# 75
22) Acetophenone	7.328	105	755795	38.194	ng	# 91
24) Nitrobenzene	7.498	77	642706	38.620	ng	# 87
25) Isophorone	7.739	82	1169690	39.700	ng	# 89
26) 2-Nitrophenol	7.816	139	310749	46.764	ng	# 84
27) 2,4-Dimethylphenol	7.851	122	494050	42.469	ng	88
28) bis(2-Chloroethoxy)met...	7.945	93	712726	43.690	ng	# 97
29) 2,4-Dichlorophenol	8.057	162	490486	41.342	ng	95
30) 1,2,4-Trichlorobenzene	8.139	180	503776	38.939	ng	93
31) Naphthalene	8.222	128	1492949	37.913	ng	100
32) Benzoic acid	7.980	122	298358	37.787	ng	84
33) 4-Chloroaniline	8.269	127	588316	37.898	ng	# 90
34) Hexachlorobutadiene	8.333	225	326675	39.600	ng	99
35) Caprolactam	8.651	113	166742m	54.261	ng	
36) 4-Chloro-3-methylphenol	8.751	107	541499	44.709	ng	91
37) 2-Methylnaphthalene	8.910	142	1066712	40.994	ng	98
38) 1-Methylnaphthalene	9.010	142	971145	39.966	ng	97
40) 1,2,4,5-Tetrachloroben...	9.075	216	538199	38.894	ng	98
41) Hexachlorocyclopentadiene	9.063	237	621451	85.481	ng	99
43) 2,4,6-Trichlorophenol	9.192	196	391563	40.188	ng	98

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44) 2,4,5-Trichlorophenol	9.233	196	421586	41.128	ng	# 91
46) 1,1'-Biphenyl	9.374	154	1253413	36.708	ng	97
47) 2-Chloronaphthalene	9.404	162	1046333	37.708	ng	96
48) 2-Nitroaniline	9.498	65	398441	46.323	ng	# 83
49) Acenaphthylene	9.822	152	1577938	39.025	ng	98
50) Dimethylphthalate	9.680	163	1280219	43.618	ng	# 98
51) 2,6-Dinitrotoluene	9.739	165	283160	44.492	ng	# 83
52) Acenaphthene	9.992	154	977307	38.989	ng	98
53) 3-Nitroaniline	9.910	138	276407	40.273	ng	# 74
54) 2,4-Dinitrophenol	10.022	184	302438	120.307	ng	# 78
55) Dibenzofuran	10.163	168	1436193	39.812	ng	99
56) 4-Nitrophenol	10.080	139	466090	85.757	ng	# 78
57) 2,4-Dinitrotoluene	10.145	165	386045	50.119	ng	# 98
58) Fluorene	10.504	166	1192903	44.728	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	338357	44.479	ng	# 85
60) Diethylphthalate	10.374	149	1249010	43.651	ng	98
61) 4-Chlorophenyl-phenyle...	10.492	204	573807	42.553	ng	88
62) 4-Nitroaniline	10.533	138	311072	50.403	ng	# 83
63) Azobenzene	10.657	77	1278373	39.831	ng	91
65) 4,6-Dinitro-2-methylph...	10.557	198	203160	47.462	ng	79
66) n-Nitrosodiphenylamine	10.616	169	1083089	37.401	ng	98
67) 4-Bromophenyl-phenylether	10.986	248	400090	41.196	ng	# 90
68) Hexachlorobenzene	11.051	284	430186	43.058	ng	# 85
69) Atrazine	11.145	200	382332	46.009	ng	91
70) Pentachlorophenol	11.251	266	456894	78.320	ng	91
71) Phenanthrene	11.474	178	2734774	61.368	ng	95
72) Anthracene	11.521	178	1955075	44.510	ng	98
73) Carbazole	11.674	167	1551773	38.660	ng	99
74) Di-n-butylphthalate	11.998	149	2045052	42.934	ng	99
75) Fluoranthene	12.663	202	2762367	62.472	ng	97
77) Benzidine	12.780	184	1247451	75.472	ng	97
78) Pyrene	12.892	202	2471291	60.874	ng	95
80) Butylbenzylphthalate	13.498	149	775687	48.627	ng	87
81) Benzo(a)anthracene	14.074	228	1505451	44.149	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	436237	41.271	ng	# 98
83) Chrysene	14.115	228	1445433	42.863	ng	96
84) Bis(2-ethylhexyl)phtha...	14.057	149	1104660	50.384	ng	# 98
85) Di-n-octyl phthalate	14.668	149	1641888	45.027	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.109	276	1609059	47.418	ng	# 89
88) Benzo(b)fluoranthene	15.145	252	1389103	40.367	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	1292824	40.261	ng	99
90) Benzo(a)pyrene	15.527	252	1354966m	44.575	ng	
91) Dibenzo(a,h)anthracene	17.133	278	1333036	45.447	ng	# 93
92) Benzo(g,h,i)perylene	17.580	276	1352797	47.832	ng	# 88

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

