

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125460.D
 Acq On : 14 Sep 2021 00:02
 Operator : JU/CG
 Sample : M3707-01MSD 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-091021MSD

Manual Integrations
 APPROVED

mohammad
 9/14/2021 2:48:50 PM

Quant Time: Sep 14 03:32:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	158720	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	562132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	263559	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	454807	20.000	ng	0.00
76) Chrysene-d12	14.068	240	284476	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	230766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	289903	27.646	ng	0.00
7) Phenol-d6	6.522	99	362219	26.708	ng	-0.01
23) Nitrobenzene-d5	7.451	82	216377	19.379	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	97788	37.169	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	397655	21.028	ng	0.00
79) Terphenyl-d14	13.004	244	433644	24.284	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	95279	18.413	ng	# 100
3) Pyridine	3.463	79	207099	15.161	ng	# 89
4) n-Nitrosodimethylamine	3.404	42	125138	18.307	ng	# 39
6) Aniline	6.551	93	247825	15.557	ng	# 92
8) 2-Chlorophenol	6.675	128	208946	19.532	ng	84
9) Benzaldehyde	6.440	77	140178	14.728	ng	94
10) Phenol	6.534	94	285826	20.125	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	218778	19.559	ng	83
12) 1,3-Dichlorobenzene	6.828	146	241178	19.456	ng	98
13) 1,4-Dichlorobenzene	6.904	146	241485	19.551	ng	98
14) 1,2-Dichlorobenzene	7.057	146	232778	20.032	ng	99
15) Benzyl Alcohol	7.028	79	179571	17.197	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	395224	17.619	ng	89
17) 2-Methylphenol	7.145	107	174482	19.417	ng	94
18) Hexachloroethane	7.398	117	70138	16.216	ng	# 86
19) n-Nitroso-di-n-propyla...	7.292	70	151848	18.615	ng	# 77
20) 3+4-Methylphenols	7.298	107	208580	18.491	ng	# 66
22) Acetophenone	7.292	105	298211	20.613	ng	# 90
24) Nitrobenzene	7.469	77	231867	19.058	ng	89
25) Isophorone	7.704	82	394069	18.295	ng	# 89
26) 2-Nitrophenol	7.787	139	93883	19.325	ng	# 81
27) 2,4-Dimethylphenol	7.828	122	176345	20.734	ng	92
28) bis(2-Chloroethoxy)met...	7.916	93	251843	21.116	ng	# 96
29) 2,4-Dichlorophenol	8.034	162	167223	19.279	ng	93
30) 1,2,4-Trichlorobenzene	8.110	180	182448	19.289	ng	96
31) Naphthalene	8.192	128	566966	19.694	ng	99
32) Benzoic acid	7.934	122	98918	17.136	ng	88
33) 4-Chloroaniline	8.245	127	150160	13.231	ng	# 92
34) Hexachlorobutadiene	8.304	225	120127	19.918	ng	99
35) Caprolactam	8.598	113	49587	22.072	ng	# 66
36) 4-Chloro-3-methylphenol	8.728	107	165828	18.727	ng	90
37) 2-Methylnaphthalene	8.886	142	376720	19.803	ng	98
38) 1-Methylnaphthalene	8.986	142	344796	19.409	ng	94
40) 1,2,4,5-Tetrachloroben...	9.051	216	180079	20.913	ng	# 96
41) Hexachlorocyclopentadiene	9.034	237	24487	5.413	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	114001	18.802	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	116766	18.305	ng	95
46) 1,1'-Biphenyl	9.345	154	411227	19.353	ng	97
47) 2-Chloronaphthalene	9.375	162	326848	18.929	ng	97
48) 2-Nitroaniline	9.475	65	120190	22.455	ng	86
49) Acenaphthylene	9.792	152	513952	20.426	ng	99
50) Dimethylphthalate	9.645	163	383238	20.983	ng	# 99
51) 2,6-Dinitrotoluene	9.710	165	72424	18.287	ng	# 81
52) Acenaphthene	9.963	154	305464	19.583	ng	99
53) 3-Nitroaniline	9.886	138	85379	19.991	ng	82
54) 2,4-Dinitrophenol	9.998	184	13305	8.505	ng	# 87
55) Dibenzofuran	10.133	168	441372	19.662	ng	98
56) 4-Nitrophenol	10.057	139	104860	31.004	ng	# 80
57) 2,4-Dinitrotoluene	10.116	165	88449	18.453	ng	# 97
58) Fluorene	10.480	166	372299	22.432	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	88439	18.683	ng	# 81
60) Diethylphthalate	10.345	149	359303	20.179	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	166258	19.813	ng	# 86
62) 4-Nitroaniline	10.498	138	84815	22.084	ng	# 82
63) Azobenzene	10.628	77	339083	16.978	ng	92
65) 4,6-Dinitro-2-methylph...	10.528	198	11345	4.713	ng	93
66) n-Nitrosodiphenylamine	10.586	169	302291	18.563	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	103801	19.006	ng	94
68) Hexachlorobenzene	11.028	284	112539	20.031	ng	# 87
69) Atrazine	11.116	200	95403	20.416	ng	90
70) Pentachlorophenol	11.227	266	96102	29.295	ng	93
71) Phenanthrene	11.445	178	947614	37.814	ng	98
72) Anthracene	11.498	178	645296	26.125	ng	99
73) Carbazole	11.651	167	451234	19.991	ng	99
74) Di-n-butylphthalate	11.974	149	535814	20.004	ng	99
75) Fluoranthene	12.639	202	1223655	49.210	ng	97
77) Benzidine	12.757	184	232341	23.385	ng	98
78) Pyrene	12.869	202	1224039	50.161	ng	96
80) Butylbenzylphthalate	13.480	149	211064	22.012	ng	94
81) Benzo(a)anthracene	14.063	228	725762	35.409	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	138595	21.814	ng	# 98
83) Chrysene	14.098	228	656277	32.376	ng	97
84) Bis(2-ethylhexyl)phtha...	14.033	149	284836	21.613	ng	99
85) Di-n-octyl phthalate	14.651	149	432903	19.750	ng	# 98
87) Indeno(1,2,3-cd)pyrene	17.080	276	399818	24.050	ng	# 90
88) Benzo(b)fluoranthene	15.127	252	647366	38.398	ng	# 94
89) Benzo(k)fluoranthene	15.157	252	377907	24.021	ng	98
90) Benzo(a)pyrene	15.504	252	520306m	34.938	ng	
91) Dibenzo(a,h)anthracene	17.092	278	275975m	19.204	ng	
92) Benzo(g,h,i)perylene	17.539	276	349910m	25.253	ng	

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

