

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125660.D
 Acq On : 25 Sep 2021 17:01
 Operator : JU/CG
 Sample : M3922-06MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(33-35)MSD

Manual Integrations
 APPROVED

mohammad
 9/27/2021 3:05:18 PM

Quant Time: Sep 27 01:22:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	150695	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	621157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	324773	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	562647	20.000	ng	0.00
76) Chrysene-d12	14.045	240	353550	20.000	ng	0.00
86) Perylene-d12	15.515	264	336847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	982530	107.421	ng	0.00
7) Phenol-d6	6.510	99	1185063	96.372	ng	0.00
23) Nitrobenzene-d5	7.445	82	692978	77.815	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	342649	113.157	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1394042	75.655	ng	0.00
79) Terphenyl-d14	12.992	244	1401213	68.634	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	159455	40.964	ng	# 100
3) Pyridine	3.463	79	345212	33.529	ng	# 72
4) n-Nitrosodimethylamine	3.410	42	160234	41.943	ng	# 1
6) Aniline	6.545	93	490608	34.554	ng	94
8) 2-Chlorophenol	6.669	128	454491	43.806	ng	98
9) Benzaldehyde	6.434	77	266373	49.615	ng	93
10) Phenol	6.522	94	519059	41.758	ng	89
11) bis(2-Chloroethyl)ether	6.622	93	403860	41.808	ng	94
12) 1,3-Dichlorobenzene	6.828	146	481748	42.051	ng	97
13) 1,4-Dichlorobenzene	6.904	146	492680	42.270	ng	98
14) 1,2-Dichlorobenzene	7.057	146	466659	42.435	ng	99
15) Benzyl Alcohol	7.022	79	345602	40.518	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.163	45	499955	40.660	ng	88
17) 2-Methylphenol	7.134	107	352729	41.459	ng	97
18) Hexachloroethane	7.404	117	167560	44.289	ng	# 86
19) n-Nitroso-di-n-propyla...	7.293	70	268165	38.302	ng	# 69
20) 3+4-Methylphenols	7.281	107	440275	41.162	ng	85
22) Acetophenone	7.293	105	579783	41.134	ng	# 90
24) Nitrobenzene	7.463	77	416513	45.979	ng	96
25) Isophorone	7.704	82	732897	36.748	ng	95
26) 2-Nitrophenol	7.781	139	226365	47.675	ng	93
27) 2,4-Dimethylphenol	7.816	122	384443	43.343	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	481391	42.793	ng	98
29) 2,4-Dichlorophenol	8.022	162	369809	41.972	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	392035	40.873	ng	98
31) Naphthalene	8.192	128	1289231	40.423	ng	98
32) Benzoic acid	7.922	122	268260	42.480	ng	97
33) 4-Chloroaniline	8.234	127	231231	17.284	ng	98
34) Hexachlorobutadiene	8.310	225	214359	40.532	ng	99
35) Caprolactam	8.592	113	120630m	41.954	ng	
36) 4-Chloro-3-methylphenol	8.710	107	371635	40.252	ng	97
37) 2-Methylnaphthalene	8.881	142	867293	40.094	ng	99
38) 1-Methylnaphthalene	8.981	142	797070	38.990	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	348215	41.226	ng	99
41) Hexachlorocyclopentadiene	9.039	237	418899	117.215	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	260733	44.019	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	274952	42.994	ng	94
46) 1,1'-Biphenyl	9.345	154	974677	40.700	ng	98
47) 2-Chloronaphthalene	9.369	162	807738	40.739	ng	99
48) 2-Nitroaniline	9.457	65	208254	44.832	ng	98
49) Acenaphthylene	9.786	152	1230326	41.221	ng	98
50) Dimethylphthalate	9.645	163	904750	41.352	ng	99
51) 2,6-Dinitrotoluene	9.704	165	199593	45.052	ng	# 86
52) Acenaphthene	9.957	154	827672	44.228	ng	98
53) 3-Nitroaniline	9.869	138	140300	28.917	ng	92
54) 2,4-Dinitrophenol	9.975	184	185465	86.070	ng	# 75
55) Dibenzofuran	10.128	168	1126918	40.138	ng	95
56) 4-Nitrophenol	10.028	139	365139	90.599	ng	# 83
57) 2,4-Dinitrotoluene	10.104	165	264572	47.633	ng	# 85
58) Fluorene	10.475	166	850579	38.922	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	213601	43.399	ng	# 89
60) Diethylphthalate	10.345	149	861276	40.832	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	383447	39.474	ng	91
62) 4-Nitroaniline	10.481	138	214329	43.194	ng	# 78
63) Azobenzene	10.622	77	781655	38.380	ng	85
65) 4,6-Dinitro-2-methylph...	10.510	198	117114	43.748	ng	# 75
66) n-Nitrosodiphenylamine	10.581	169	761624	39.432	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	236869	40.115	ng	91
68) Hexachlorobenzene	11.022	284	284872	41.106	ng	# 81
69) Atrazine	11.104	200	242175	47.287	ng	96
70) Pentachlorophenol	11.210	266	324560	88.611	ng	94
71) Phenanthrene	11.433	178	1273764	40.371	ng	98
72) Anthracene	11.486	178	1309656	42.007	ng	98
73) Carbazole	11.633	167	1209672	39.425	ng	99
74) Di-n-butylphthalate	11.969	149	1342353	43.395	ng	98
75) Fluoranthene	12.622	202	1298074	38.495	ng	99
77) Benzidine	12.739	184	766111	82.485	ng	98
78) Pyrene	12.851	202	1322894	41.403	ng	97
80) Butylbenzylphthalate	13.463	149	512134	48.402	ng	95
81) Benzo(a)anthracene	14.033	228	952426	39.658	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	255152	36.820	ng	98
83) Chrysene	14.069	228	972782	40.363	ng	97
84) Bis(2-ethylhexyl)phtha...	14.027	149	624152	51.529	ng	# 97
85) Di-n-octyl phthalate	14.639	149	926357	52.144	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.004	276	1051604	45.991	ng	96
88) Benzo(b)fluoranthene	15.086	252	892337	37.811	ng	98
89) Benzo(k)fluoranthene	15.116	252	888295	39.286	ng	98
90) Benzo(a)pyrene	15.457	252	890930	42.410	ng	96
91) Dibenzo(a,h)anthracene	17.021	278	882468	46.175	ng	96
92) Benzo(g,h,i)perylene	17.457	276	909160	46.580	ng	91

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

