

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050421\
 Data File : BF123811.D
 Acq On : 4 May 2021 16:37
 Operator : JU/CG
 Sample : M2202-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 290MSD

Manual Integrations
 APPROVED

mohammad
 5/5/2021 11:25:12 AM

Quant Time: May 04 17:18:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 04 12:58:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	234892	20.00	ng	0.00
21) Naphthalene-d8	8.086	136	904596	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	458301	20.00	ng	0.00
64) Phenanthrene-d10	11.327	188	878543	20.00	ng	0.00
76) Chrysene-d12	13.974	240	632523	20.00	ng	0.00
86) Perylene-d12	15.427	264	523165	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1751213	118.11	ng	0.02
7) Phenol-d6	6.445	99	2120557	103.83	ng	0.00
23) Nitrobenzene-d5	7.369	82	1789127	89.28	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	765877	134.24	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2753270	87.49	ng	0.00
79) Terphenyl-d14	12.921	244	3077781	93.70	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.657	88	299539	37.50	ng	# 81
3) Pyridine	3.363	79	655340	33.57	ng	92
4) n-Nitrosodimethylamine	3.293	42	483085	44.93	ng	90
6) Aniline	6.463	93	388105	16.43	ng	# 1
8) 2-Chlorophenol	6.592	128	758253	47.54	ng	99
9) Benzaldehyde	6.351	77	532992	53.92	ng	99
10) Phenol	6.463	94	888756	40.51	ng	94
11) bis(2-Chloroethyl)ether	6.539	93	812411	50.72	ng	98
12) 1,3-Dichlorobenzene	6.745	146	720212	44.69	ng	97
13) 1,4-Dichlorobenzene	6.822	146	729974	44.77	ng	97
14) 1,2-Dichlorobenzene	6.975	146	702096	44.35	ng	99
15) Benzyl Alcohol	6.951	79	778461	48.62	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.081	45	1677116	49.23	ng	95
17) 2-Methylphenol	7.069	107	652334	48.00	ng	98
18) Hexachloroethane	7.316	117	297497	46.10	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	599627	47.55	ng	99
20) 3+4-Methylphenols	7.216	107	757877	43.82	ng	# 75
22) Acetophenone	7.216	105	1163097	47.30	ng	95
24) Nitrobenzene	7.386	77	924234	44.28	ng	97
25) Isophorone	7.628	82	1685118	44.85	ng	100
26) 2-Nitrophenol	7.704	139	409753	48.10	ng	94
27) 2,4-Dimethylphenol	7.745	122	687962	51.41	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	980197	51.19	ng	98
29) 2,4-Dichlorophenol	7.951	162	606706	46.01	ng	98
30) 1,2,4-Trichlorobenzene	8.028	180	629290	45.54	ng	99
31) Naphthalene	8.110	128	2106250	45.21	ng	99
32) Benzoic acid	7.886	122	472617	51.05	ng	95
33) 4-Chloroaniline	8.157	127	174379	8.97	ng	94
34) Hexachlorobutadiene	8.228	225	381680	45.31	ng	97
35) Caprolactam	8.533	113	170822m	36.89	ng	
36) 4-Chloro-3-methylphenol	8.651	107	783702	47.63	ng	96
37) 2-Methylnaphthalene	8.804	142	1414894	46.61	ng	99
38) 1-Methylnaphthalene	8.898	142	1322522	46.35	ng	98
40) 1,2,4,5-Tetrachloroben...	8.969	216	623955	46.26	ng	99
41) Hexachlorocyclopentadiene	8.957	237	637187	108.15	ng	99
43) 2,4,6-Trichlorophenol	9.080	196	435554	46.88	ng	97

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44) 2,4,5-Trichlorophenol	9.128	196	471750	47.33	ng	96
46) 1,1'-Biphenyl	9.269	154	1747686	46.55	ng	99
47) 2-Chloronaphthalene	9.292	162	1299977	45.92	ng	98
48) 2-Nitroaniline	9.386	65	582001	46.67	ng	95
49) Acenaphthylene	9.710	152	2125976	46.52	ng	99
50) Dimethylphthalate	9.575	163	1603417	49.67	ng	99
51) 2,6-Dinitrotoluene	9.633	165	346381	46.41	ng	89
52) Acenaphthene	9.880	154	1281651	46.03	ng	98
53) 3-Nitroaniline	9.798	138	161812	18.15	ng	95
54) 2,4-Dinitrophenol	9.910	184	426516	107.61	ng	96
55) Dibenzofuran	10.051	168	1881239	44.67	ng	99
56) 4-Nitrophenol	9.980	139	555219	85.52	ng	96
57) 2,4-Dinitrotoluene	10.039	165	470920	46.28	ng	94
58) Fluorene	10.392	166	1478240	45.68	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	377703	47.86	ng	97
60) Diethylphthalate	10.275	149	1696875	49.39	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	710739	47.13	ng	96
62) 4-Nitroaniline	10.422	138	395509	44.78	ng	98
63) Azobenzene	10.545	77	1805867	45.72	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	262027	48.14	ng	97
66) n-Nitrosodiphenylamine	10.510	169	1352529	47.06	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	451586	48.81	ng	96
68) Hexachlorobenzene	10.945	284	511536	48.58	ng	95
69) Atrazine	11.039	200	431634	49.68	ng	98
70) Pentachlorophenol	11.139	266	558875	104.13	ng	98
71) Phenanthrene	11.357	178	2117334	45.95	ng	99
72) Anthracene	11.410	178	2193634	47.88	ng	100
73) Carbazole	11.563	167	2083517	44.99	ng	98
74) Di-n-butylphthalate	11.892	149	2673615	51.43	ng	100
75) Fluoranthene	12.545	202	2325097	46.26	ng	99
77) Benzidine	12.668	184	1231969	75.21	ng	98
78) Pyrene	12.774	202	2359428	48.06	ng	99
80) Butylbenzylphthalate	13.398	149	1124062	53.59	ng	93
81) Benzo(a)anthracene	13.963	228	1765672	46.06	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	216212	18.37	ng	# 96
83) Chrysene	14.004	228	1780937	46.18	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	1474758	56.60	ng	98
85) Di-n-octyl phthalate	14.568	149	2373655	56.97	ng	99
87) Indeno(1,2,3-cd)pyrene	16.880	276	1763365	57.87	ng	99
88) Benzo(b)fluoranthene	15.009	252	1672252	47.43	ng	99
89) Benzo(k)fluoranthene	15.039	252	1515345	45.04	ng	99
90) Benzo(a)pyrene	15.368	252	1496197	49.63	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	1481363	57.59	ng	98
92) Benzo(g,h,i)perylene	17.315	276	1521413	59.05	ng	95

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

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Abundance

TIC: BF123811.D\data.ms

Time-->