

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
 Data File : BF123421.D
 Acq On : 24 Mar 2021 4:23
 Operator : JU/CG
 Sample : PB135234BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135234BS

Manual Integrations
 APPROVED

mohammad
 3/24/2021 1:33:33 PM

Quant Time: Mar 24 05:44:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 23 15:58:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	219286	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	841724	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	465737	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	733419	20.00	ng	0.00
76) Chrysene-d12	14.104	240	364451	20.00	ng	0.00
86) Perylene-d12	15.604	264	409441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1646812	122.86	ng	0.02
7) Phenol-d6	6.545	99	2115350	118.55	ng	0.01
23) Nitrobenzene-d5	7.481	82	1446322	92.74	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	639230	122.77	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	2623152	80.46	ng	0.00
79) Terphenyl-d14	13.045	244	2233939	103.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	247049	38.32	ng	# 66
3) Pyridine	3.575	79	720885	42.52	ng	# 63
4) n-Nitrosodimethylamine	3.522	42	452159	44.58	ng	# 68
6) Aniline	6.575	93	812158	37.20	ng	93
8) 2-Chlorophenol	6.698	128	711150	48.11	ng	88
9) Benzaldehyde	6.463	77	505855	Below Cal		94
10) Phenol	6.557	94	883837	48.26	ng	96
11) bis(2-Chloroethyl)ether	6.651	93	685283	46.92	ng	84
12) 1,3-Dichlorobenzene	6.857	146	720481	45.17	ng	# 96
13) 1,4-Dichlorobenzene	6.934	146	721573	45.24	ng	97
14) 1,2-Dichlorobenzene	7.087	146	701533	47.35	ng	97
15) Benzyl Alcohol	7.051	79	650835	46.59	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1492174	45.53	ng	86
17) 2-Methylphenol	7.163	107	581683	47.86	ng	98
18) Hexachloroethane	7.434	117	279143	46.71	ng	98
19) n-Nitroso-di-n-propyla...	7.334	70	525197	45.51	ng	# 80
20) 3+4-Methylphenols	7.316	107	686194	45.33	ng	93
22) Acetophenone	7.322	105	942656	44.61	ng	# 84
24) Nitrobenzene	7.498	77	769652	44.64	ng	96
25) Isophorone	7.739	82	1466901	43.75	ng	99
26) 2-Nitrophenol	7.810	139	353560	57.37	ng	# 87
27) 2,4-Dimethylphenol	7.845	122	683988	49.90	ng	98
28) bis(2-Chloroethoxy)met...	7.945	93	895461	49.55	ng	99
29) 2,4-Dichlorophenol	8.051	162	612919	45.56	ng	96
30) 1,2,4-Trichlorobenzene	8.139	180	645695	44.00	ng	100
31) Naphthalene	8.222	128	1996462	44.12	ng	100
32) Benzoic acid	7.969	122	408946	50.57	ng	97
33) 4-Chloroaniline	8.263	127	452001	24.34	ng	# 93
34) Hexachlorobutadiene	8.339	225	390533	43.62	ng	98
35) Caprolactam	8.645	113	194779m	48.15	ng	
36) 4-Chloro-3-methylphenol	8.751	107	642410	45.50	ng	98
37) 2-Methylnaphthalene	8.916	142	1379133	44.45	ng	99
38) 1-Methylnaphthalene	9.016	142	1282238	44.03	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	616307	44.47	ng	98
41) Hexachlorocyclopentadiene	9.075	237	670275	86.62	ng	96
43) 2,4,6-Trichlorophenol	9.192	196	443586	45.71	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.233	196	444789	43.62	ng	99
46) 1,1'-Biphenyl	9.380	154	1631791	45.46	ng	100
47) 2-Chloronaphthalene	9.404	162	1255682	42.88	ng	99
48) 2-Nitroaniline	9.498	65	454611	51.17	ng	# 73
49) Acenaphthylene	9.828	152	2080520	45.43	ng	99
50) Dimethylphthalate	9.686	163	1491555	45.09	ng	99
51) 2,6-Dinitrotoluene	9.745	165	330391	47.81	ng	# 87
52) Acenaphthene	9.998	154	1302274	45.55	ng	98
53) 3-Nitroaniline	9.910	138	215013	29.46	ng	88
54) 2,4-Dinitrophenol	10.016	184	179692	57.38	ng	99
55) Dibenzofuran	10.169	168	1731951	42.14	ng	98
56) 4-Nitrophenol	10.069	139	464215	78.87	ng	# 64
57) 2,4-Dinitrotoluene	10.145	165	430259	49.89	ng	# 83
58) Fluorene	10.516	166	1288779	41.54	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	364507	43.79	ng	94
60) Diethylphthalate	10.386	149	1435158	44.44	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	662643	43.70	ng	97
62) 4-Nitroaniline	10.533	138	295913	42.79	ng	97
63) Azobenzene	10.669	77	1475822	41.53	ng	93
65) 4,6-Dinitro-2-methylph...	10.557	198	145333	38.03	ng	90
66) n-Nitrosodiphenylamine	10.627	169	1174802	47.81	ng	100
67) 4-Bromophenyl-phenylether	10.998	248	433535	49.91	ng	98
68) Hexachlorobenzene	11.063	284	459674	48.02	ng	94
69) Atrazine	11.151	200	426064	54.55	ng	97
70) Pentachlorophenol	11.257	266	465482	81.49	ng	97
71) Phenanthrene	11.480	178	1822246	44.94	ng	99
72) Anthracene	11.533	178	1842394	45.18	ng	99
73) Carbazole	11.680	167	1560487	40.50	ng	99
74) Di-n-butylphthalate	12.016	149	2087878	47.60	ng	99
75) Fluoranthene	12.669	202	1694217	38.59	ng	99
77) Benzidine	12.786	184	880911	81.14	ng	99
78) Pyrene	12.904	202	1637058	52.07	ng	100
80) Butylbenzylphthalate	13.521	149	677621	58.11	ng	95
81) Benzo(a)anthracene	14.092	228	1140468	47.81	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	321738	41.47	ng	97
83) Chrysene	14.127	228	1148910	46.65	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	811184	52.84	ng	97
85) Di-n-octyl phthalate	14.704	149	1364500	56.23	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.133	276	1426953	56.08	ng	99
88) Benzo(b)fluoranthene	15.162	252	1234405	43.70	ng	98
89) Benzo(k)fluoranthene	15.198	252	1086193	40.68	ng	97
90) Benzo(a)pyrene	15.545	252	1069976	43.88	ng	98
91) Dibenzo(a,h)anthracene	17.162	278	1200652	55.59	ng	97
92) Benzo(g,h,i)perylene	17.598	276	1167831	54.01	ng	98

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

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