

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123482.D
 Acq On : 26 Mar 2021 12:43
 Operator : JU/CG
 Sample : PB135342BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB135342BS

Manual Integrations
 APPROVED

mohammad
 3/29/2021 3:27:48 PM

Quant Time: Mar 26 13:06:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 12:51:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	227367	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	873321	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	464909	20.00	ng	0.00
64) Phenanthrene-d10	11.439	188	844202	20.00	ng	0.00
76) Chrysene-d12	14.086	240	626759	20.00	ng	0.00
86) Perylene-d12	15.580	264	421766	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1538448	110.69	ng	0.01
7) Phenol-d6	6.534	99	1997707	107.98	ng	0.00
23) Nitrobenzene-d5	7.463	82	1142669	70.62	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	610500	117.46	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2036027	62.57	ng	0.00
79) Terphenyl-d14	13.027	244	2156366	58.31	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	260411	38.96	ng	# 68
3) Pyridine	3.540	79	686933	39.08	ng	# 62
4) n-Nitrosodimethylamine	3.493	42	424684	40.38	ng	# 71
6) Aniline	6.563	93	750170	33.14	ng	92
8) 2-Chlorophenol	6.687	128	645170	42.10	ng	85
9) Benzaldehyde	6.445	77	168766	15.10	ng	98
10) Phenol	6.545	94	837629	44.11	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	654085	43.20	ng	87
12) 1,3-Dichlorobenzene	6.845	146	684634	41.40	ng	97
13) 1,4-Dichlorobenzene	6.916	146	692452	41.87	ng	95
14) 1,2-Dichlorobenzene	7.075	146	671840	43.73	ng	98
15) Benzyl Alcohol	7.040	79	580051	40.04	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1360275	40.03	ng	87
17) 2-Methylphenol	7.151	107	544406	43.20	ng	96
18) Hexachloroethane	7.416	117	264602	42.70	ng	97
19) n-Nitroso-di-n-propyla...	7.316	70	476219	39.80	ng	# 76
20) 3+4-Methylphenols	7.304	107	645686	41.14	ng	92
22) Acetophenone	7.310	105	888409	40.52	ng	# 83
24) Nitrobenzene	7.487	77	731197	40.88	ng	97
25) Isophorone	7.722	82	1301427	37.41	ng	98
26) 2-Nitrophenol	7.798	139	339412	53.08	ng	# 86
27) 2,4-Dimethylphenol	7.839	122	594808	41.83	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	797615	42.54	ng	98
29) 2,4-Dichlorophenol	8.045	162	560204	40.14	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	612118	40.20	ng	99
31) Naphthalene	8.210	128	1834998	39.08	ng	100
32) Benzoic acid	7.963	122	432070	51.50	ng	94
33) 4-Chloroaniline	8.251	127	446690	23.19	ng	# 92
34) Hexachlorobutadiene	8.328	225	359050	38.66	ng	97
35) Caprolactam	8.622	113	178823m	42.61	ng	
36) 4-Chloro-3-methylphenol	8.734	107	594291	40.57	ng	97
37) 2-Methylnaphthalene	8.904	142	1259770	39.14	ng	99
38) 1-Methylnaphthalene	9.004	142	1185805	39.24	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	569854	41.20	ng	99
41) Hexachlorocyclopentadiene	9.057	237	617048	79.88	ng	98
43) 2,4,6-Trichlorophenol	9.181	196	392748	40.55	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	417419	41.01	ng	98
46) 1,1'-Biphenyl	9.369	154	1460827	40.77	ng	98
47) 2-Chloronaphthalene	9.392	162	1175091	40.20	ng	98
48) 2-Nitroaniline	9.486	65	427418	48.19	ng #	77
49) Acenaphthylene	9.810	152	1825453	39.93	ng	100
50) Dimethylphthalate	9.669	163	1325696	40.15	ng	99
51) 2,6-Dinitrotoluene	9.728	165	305276	44.26	ng #	80
52) Acenaphthene	9.981	154	1282441	44.94	ng	100
53) 3-Nitroaniline	9.898	138	243403	33.41	ng	93
54) 2,4-Dinitrophenol	10.004	184	327518	97.64	ng	93
55) Dibenzofuran	10.157	168	1565118	38.15	ng	99
56) 4-Nitrophenol	10.057	139	516509	87.92	ng #	65
57) 2,4-Dinitrotoluene	10.133	165	414357	48.13	ng	95
58) Fluorene	10.498	166	1222995	39.49	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	357666	43.04	ng	95
60) Diethylphthalate	10.369	149	1275687	39.58	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	605680	40.01	ng	96
62) 4-Nitroaniline	10.516	138	307746	44.58	ng	95
63) Azobenzene	10.651	77	1329765	37.49	ng	94
65) 4,6-Dinitro-2-methylph...	10.539	198	217679	47.94	ng #	69
66) n-Nitrosodiphenylamine	10.610	169	1092546	38.62	ng	98
67) 4-Bromophenyl-phenylether	10.980	248	400608	40.06	ng	98
68) Hexachlorobenzene	11.051	284	447586	40.62	ng	93
69) Atrazine	11.133	200	329705	36.67	ng	96
70) Pentachlorophenol	11.239	266	539771	82.10	ng	99
71) Phenanthrene	11.463	178	1847677	39.59	ng	100
72) Anthracene	11.516	178	1883003	40.11	ng	100
73) Carbazole	11.669	167	1709708	38.55	ng	99
74) Di-n-butylphthalate	11.998	149	1962015	38.86	ng	99
75) Fluoranthene	12.657	202	2057660	40.72	ng	97
77) Benzidine	12.769	184	548529	29.38	ng	99
78) Pyrene	12.886	202	2048936	37.90	ng	99
80) Butylbenzylphthalate	13.504	149	829567	41.37	ng	96
81) Benzo(a)anthracene	14.074	228	1600935	39.02	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	468323	35.10	ng	99
83) Chrysene	14.116	228	1631772	38.53	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	1053271	39.90	ng	98
85) Di-n-octyl phthalate	14.686	149	1647634	39.48	ng #	90
87) Indeno(1,2,3-cd)pyrene	17.104	276	1310418	50.00	ng	98
88) Benzo(b)fluoranthene	15.145	252	1339930	46.05	ng	98
89) Benzo(k)fluoranthene	15.174	252	1320595	48.01	ng	98
90) Benzo(a)pyrene	15.521	252	1146493	45.64	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	1084662	48.75	ng	99
92) Benzo(g,h,i)perylene	17.562	276	1115716	50.09	ng	98

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

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