

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123889.D
 Acq On : 10 May 2021 16:37
 Operator : JU/CG
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF051021

Manual Integrations
 APPROVED

mohammad
 5/11/2021 4:16:07 PM

Quant Time: May 10 17:33:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	122655	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	360042	20.00	ng	0.00
39) Acenaphthene-d10	9.810	164	178184	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	336191	20.00	ng	0.00
76) Chrysene-d12	13.933	240	271180	20.00	ng	0.00
86) Perylene-d12	15.374	264	204278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	610387	72.68	ng	0.00
7) Phenol-d6	6.416	99	811700	72.41	ng	0.00
23) Nitrobenzene-d5	7.340	82	671906	77.46	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	197488	75.24	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1259157	88.19	ng	0.00
79) Terphenyl-d14	12.880	244	1200002	72.32	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	128567	33.89	ng	94
3) Pyridine	3.187	79	325051	36.20	ng	97
4) n-Nitrosodimethylamine	3.140	42	238671	33.97	ng	82
6) Aniline	6.434	93	465058	38.11	ng	# 49
8) 2-Chlorophenol	6.563	128	305330	34.82	ng	96
9) Benzaldehyde	6.316	77	190246	39.39	ng	96
10) Phenol	6.428	94	437272	36.76	ng	# 66
11) bis(2-Chloroethyl)ether	6.510	93	278591	35.16	ng	96
12) 1,3-Dichlorobenzene	6.710	146	340184	37.48	ng	99
13) 1,4-Dichlorobenzene	6.787	146	309616	34.08	ng	99
14) 1,2-Dichlorobenzene	6.940	146	322258	36.79	ng	94
15) Benzyl Alcohol	6.916	79	337706	37.24	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	647371	36.93	ng	96
17) 2-Methylphenol	7.034	107	257565	35.11	ng	94
18) Hexachloroethane	7.287	117	115499	30.97	ng	94
19) n-Nitroso-di-n-propyla...	7.187	70	249250	36.31	ng	96
20) 3+4-Methylphenols	7.192	107	343485	35.68	ng	# 87
22) Acetophenone	7.187	105	486110	45.67	ng	# 92
24) Nitrobenzene	7.357	77	343193	38.73	ng	95
25) Isophorone	7.598	82	564889	37.85	ng	98
26) 2-Nitrophenol	7.675	139	137426	38.81	ng	# 95
27) 2,4-Dimethylphenol	7.716	122	206093	37.86	ng	99
28) bis(2-Chloroethoxy)met...	7.810	93	279336	38.73	ng	99
29) 2,4-Dichlorophenol	7.922	162	213850	38.55	ng	96
30) 1,2,4-Trichlorobenzene	7.998	180	226465	38.11	ng	98
31) Naphthalene	8.081	128	750633	37.68	ng	99
32) Benzoic acid	7.845	122	112297	36.81	ng	# 80
33) 4-Chloroaniline	8.128	127	302416	37.70	ng	99
34) Hexachlorobutadiene	8.198	225	150098	37.62	ng	97
35) Caprolactam	8.504	113	72627m	40.36	ng	
36) 4-Chloro-3-methylphenol	8.616	107	316163	44.47	ng	98
37) 2-Methylnaphthalene	8.769	142	559250	43.32	ng	99
38) 1-Methylnaphthalene	8.869	142	545638	43.84	ng	99
40) 1,2,4,5-Tetrachloroben...	8.934	216	238416	39.01	ng	99
41) Hexachlorocyclopentadiene	8.922	237	79161	44.86	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	171840	41.37	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	196285	47.16	ng	96
46) 1,1'-Biphenyl	9.233	154	575717	36.35	ng	99
47) 2-Chloronaphthalene	9.257	162	440126	36.47	ng	98
48) 2-Nitroaniline	9.357	65	197198	37.37	ng	91
49) Acenaphthylene	9.675	152	696403	36.10	ng	99
50) Dimethylphthalate	9.539	163	482084	35.65	ng	99
51) 2,6-Dinitrotoluene	9.598	165	113996	37.40	ng	94
52) Acenaphthene	9.845	154	420828	35.96	ng	98
53) 3-Nitroaniline	9.769	138	125849	36.47	ng	96
54) 2,4-Dinitrophenol	9.875	184	63865	43.76	ng	90
55) Dibenzofuran	10.016	168	649173	36.06	ng	97
56) 4-Nitrophenol	9.939	139	87309	36.51	ng	# 72
57) 2,4-Dinitrotoluene	10.004	165	155232	36.99	ng	# 86
58) Fluorene	10.357	166	521834	36.95	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	123099	36.30	ng	98
60) Diethylphthalate	10.233	149	512380	36.73	ng	99
61) 4-Chlorophenyl-phenyle...	10.351	204	240926	36.20	ng	99
62) 4-Nitroaniline	10.380	138	131994	36.87	ng	# 76
63) Azobenzene	10.510	77	576620	37.10	ng	91
65) 4,6-Dinitro-2-methylph...	10.410	198	87372	42.65	ng	89
66) n-Nitrosodiphenylamine	10.469	169	443848	39.81	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	149541	41.56	ng	95
68) Hexachlorobenzene	10.910	284	175889	40.76	ng	# 92
69) Atrazine	10.998	200	130376	40.67	ng	97
70) Pentachlorophenol	11.104	266	75106	39.84	ng	95
71) Phenanthrene	11.322	178	720663	37.55	ng	99
72) Anthracene	11.369	178	721262	37.76	ng	100
73) Carbazole	11.527	167	733569	39.25	ng	99
74) Di-n-butylphthalate	11.857	149	760193	38.55	ng	98
75) Fluoranthene	12.510	202	808375	37.39	ng	96
77) Benzidine	12.627	184	238494	41.98	ng	96
78) Pyrene	12.733	202	838126	35.14	ng	98
80) Butylbenzylphthalate	13.357	149	328050	38.97	ng	92
81) Benzo(a)anthracene	13.921	228	681197	37.79	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	189657	37.06	ng	99
83) Chrysene	13.963	228	647751	37.28	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	404608	40.36	ng	96
85) Di-n-octyl phthalate	14.527	149	572480	41.31	ng	99
87) Indeno(1,2,3-cd)pyrene	16.792	276	815257	54.10	ng	97
88) Benzo(b)fluoranthene	14.957	252	540442	38.40	ng	99
89) Benzo(k)fluoranthene	14.986	252	492328	37.92	ng	99
90) Benzo(a)pyrene	15.315	252	458401	37.33	ng	# 98
91) Dibenzo(a,h)anthracene	16.809	278	686790	56.67	ng	97
92) Benzo(g,h,i)perylene	17.221	276	713457	55.46	ng	96

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

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