

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051421\
 Data File : BF123925.D
 Acq On : 14 May 2021 14:35
 Operator : JU/CG
 Sample : SSTDICC005
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

mohammad
 5/17/2021 11:20:14 AM

Quant Time: May 14 17:06:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 17:05:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	41406	20.00	ng	0.00
21) Naphthalene-d8	8.181	136	162052	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	92100	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	163241	20.00	ng	0.00
76) Chrysene-d12	14.063	240	128733	20.00	ng	0.00
86) Perylene-d12	15.551	264	102467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	30606	8.85	ng	0.00
7) Phenol-d6	6.504	99	39075	8.53	ng	-0.02
23) Nitrobenzene-d5	7.451	82	33159	9.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	10037	15.82	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	71442	12.22	ng	0.00
79) Terphenyl-d14	13.010	244	82092	11.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	6525	3.31	ng	# 91
3) Pyridine	3.451	79	15782	3.46	ng	97
4) n-Nitrosodimethylamine	3.387	42	10772	5.76	ng	84
6) Aniline	6.557	93	22550	4.37	ng	94
8) 2-Chlorophenol	6.681	128	15482	4.50	ng	88
9) Benzaldehyde	6.445	77	9484	4.51	ng	94
10) Phenol	6.516	94	18916	3.95	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	15158	4.20	ng	97
12) 1,3-Dichlorobenzene	6.839	146	18116	5.36	ng	94
13) 1,4-Dichlorobenzene	6.916	146	18824	5.53	ng	96
14) 1,2-Dichlorobenzene	7.069	146	17715	5.58	ng	93
15) Benzyl Alcohol	7.028	79	16235	5.68	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.175	45	33062	5.51	ng	95
17) 2-Methylphenol	7.134	107	13991	4.79	ng	# 87
18) Hexachloroethane	7.416	117	7253	5.12	ng	90
19) n-Nitroso-di-n-propyla...	7.298	70	14881	5.61	ng	# 97
20) 3+4-Methylphenols	7.286	107	17058	4.72	ng	# 75
22) Acetophenone	7.298	105	22389	4.97	ng	# 93
24) Nitrobenzene	7.475	77	16300	4.30	ng	97
25) Isophorone	7.710	82	34414	4.94	ng	96
26) 2-Nitrophenol	7.792	139	5474	3.32	ng	# 82
27) 2,4-Dimethylphenol	7.822	122	13505	4.99	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	18443	4.66	ng	95
29) 2,4-Dichlorophenol	8.028	162	13604	5.58	ng	91
30) 1,2,4-Trichlorobenzene	8.122	180	15171	6.31	ng	99
31) Naphthalene	8.204	128	46375	5.02	ng	98
32) Benzoic acid	7.857	122	5759	4.37	ng	# 70
33) 4-Chloroaniline	8.245	127	18319	5.05	ng	# 92
34) Hexachlorobutadiene	8.328	225	9634	7.89	ng	97
35) Caprolactam	8.563	113	3858	4.56	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	15073	5.22	ng	91
37) 2-Methylnaphthalene	8.892	142	31734	5.77	ng	89
38) 1-Methylnaphthalene	8.992	142	30628	5.84	ng	97
40) 1,2,4,5-Tetrachloroben...	9.063	216	15490	6.74	ng	97
41) Hexachlorocyclopentadiene	9.051	237	8873	16.33	ng	90
43) 2,4,6-Trichlorophenol	9.163	196	9063	5.72	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	10209	6.07	ng	95
46) 1,1'-Biphenyl	9.357	154	37744	4.73	ng	94
47) 2-Chloronaphthalene	9.380	162	31649	5.47	ng	96
48) 2-Nitroaniline	9.469	65	8529	3.93	ng	85
49) Acenaphthylene	9.798	152	45350	5.21	ng	96
50) Dimethylphthalate	9.651	163	35661	5.58	ng	99
51) 2,6-Dinitrotoluene	9.710	165	5629	3.85	ng	91
52) Acenaphthene	9.969	154	30469	5.29	ng	96
53) 3-Nitroaniline	9.875	138	6333	3.38	ng #	77
55) Dibenzofuran	10.139	168	43813	5.43	ng	100
56) 4-Nitrophenol	10.016	139	4984	4.57	ng	97
57) 2,4-Dinitrotoluene	10.110	165	7431	3.87	ng	92
58) Fluorene	10.486	166	34687	5.80	ng	93
59) 2,3,4,6-Tetrachlorophenol	10.251	232	8171m	6.52	ng	
60) Diethylphthalate	10.351	149	35991	5.70	ng	97
61) 4-Chlorophenyl-phenyle...	10.480	204	17071	6.65	ng	94
62) 4-Nitroaniline	10.480	138	6008	3.36	ng	93
63) Azobenzene	10.639	77	40768	5.07	ng	93
66) n-Nitrosodiphenylamine	10.592	169	29638	5.07	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	10598	6.45	ng	92
68) Hexachlorobenzene	11.033	284	10887	7.00	ng	98
69) Atrazine	11.116	200	8880	5.10	ng	99
70) Pentachlorophenol	11.222	266	6086	9.30	ng	86
71) Phenanthrene	11.445	178	48851	4.93	ng	100
72) Anthracene	11.498	178	50788	5.12	ng	98
73) Carbazole	11.645	167	44958	4.90	ng	98
74) Di-n-butylphthalate	11.986	149	56971	5.19	ng	97
75) Fluoranthene	12.639	202	54815	6.14	ng	97
77) Benzidine	12.751	184	13095	3.30	ng #	93
78) Pyrene	12.863	202	53439	4.44	ng	98
80) Butylbenzylphthalate	13.486	149	19953	3.60	ng	97
81) Benzo(a)anthracene	14.051	228	45580	5.30	ng	98
82) 3,3'-Dichlorobenzidine	14.015	252	14434	5.41	ng	92
83) Chrysene	14.086	228	43072	4.82	ng	98
84) Bis(2-ethylhexyl)phtha...	14.051	149	29674	4.07	ng #	97
85) Di-n-octyl phthalate	14.662	149	42536	3.41	ng	94
87) Indeno(1,2,3-cd)pyrene	17.039	276	30490	4.51	ng #	94
88) Benzo(b)fluoranthene	15.109	252	40603	5.34	ng #	96
89) Benzo(k)fluoranthene	15.139	252	35396	5.11	ng #	91
90) Benzo(a)pyrene	15.486	252	33316	5.05	ng #	96
91) Dibenzo(a,h)anthracene	17.062	278	24553	4.30	ng #	89
92) Benzo(g,h,i)perylene	17.486	276	25577	4.37	ng	97

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

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