

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079197.D
 Acq On : 13 May 2015 15:36
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

apatel
 5/14/2015 5:01:05 PM

Quant Time: May 14 01:12:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	74822	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	305380	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	149213	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	292754	20.00	ng	0.00
75) Chrysene-d12	16.16	240	306744	20.00	ng	0.00
86) Perylene-d12	18.02	264	307848	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	319505	73.51	ng	0.00
7) Phenol-d6	6.80	99	418633	72.86	ng	0.00
23) Nitrobenzene-d5	7.93	82	414812	78.07	ng	0.00
41) 2,4,6-Tribromophenol	11.96	330	125348	77.65	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	817771	76.36	ng	0.00
78) Terphenyl-d14	14.82	244	932794	72.80	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	69890	36.98	ng	# 24
3) Pyridine	2.87	79	181867	32.88	ng	97
4) n-Nitrosodimethylamine	2.78	42	90495m	38.19	ng	
6) Aniline	6.82	93	294849	36.36	ng	# 68
8) 2-Chlorophenol	6.97	128	185113	37.55	ng	88
9) Benzaldehyde	6.68	77	130902	33.82	ng	96
10) Phenol	6.82	94	241545	36.24	ng	# 49
11) bis(2-Chloroethyl)ether	6.92	93	186082	38.08	ng	94
12) 1,3-Dichlorobenzene	7.15	146	198883	35.89	ng	97
13) 1,4-Dichlorobenzene	7.26	146	206924	36.29	ng	98
14) 1,2-Dichlorobenzene	7.44	146	198113	37.32	ng	99
15) Benzyl Alcohol	7.42	79	147686	34.63	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.60	45	265827	35.56	ng	98
17) 2-Methylphenol	7.56	107	149140	37.59	ng	97
18) Hexachloroethane	7.85	117	69525	35.40	ng	# 81
19) n-Nitroso-di-n-propylamine	7.75	70	135947	35.03	ng	93
20) 3+4-Methylphenols	7.76	107	196789	37.23	ng	# 45
22) Acetophenone	7.75	105	258768	37.51	ng	# 91
24) Nitrobenzene	7.95	77	205482	39.01	ng	# 86
25) Isophorone	8.25	82	368495	37.41	ng	95
26) 2-Nitrophenol	8.34	139	97192	44.58	ng	# 87
27) 2,4-Dimethylphenol	8.41	122	171192	39.24	ng	95
28) bis(2-Chloroethoxy)methane	8.54	93	214086	35.25	ng	# 98
29) 2,4-Dichlorophenol	8.64	162	148669	38.33	ng	95
30) 1,2,4-Trichlorobenzene	8.74	180	157180	36.89	ng	94
31) Naphthalene	8.83	128	530193	36.44	ng	99
32) Benzoic acid	8.52	122	118724	44.05	ng	97
33) 4-Chloroaniline	8.91	127	236715	38.45	ng	98
34) Hexachlorobutadiene	8.99	225	88457	36.05	ng	97
35) Caprolactam	9.35	113	54189	43.20	ng	95
36) 4-Chloro-3-methylphenol	9.52	107	165679	40.66	ng	98
37) 2-Methylnaphthalene	9.70	142	400434	39.71	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	164180	39.07	ng	# 100
40) Hexachlorocyclopentadiene	9.88	237	67184	31.79	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.06	196	118645	41.07	nq	96
43) 2,4,5-Trichlorophenol	10.09	196	120947	41.41	nq	92
45) 1,1'-Biphenyl	10.28	154	448895	37.84	nq	96
46) 2-Chloronaphthalene	10.30	162	350615	37.89	nq	99
47) 2-Nitroaniline	10.43	65	117964	44.00	nq	# 83
48) Acenaphthylene	10.81	152	607182	39.97	nq	100
49) Dimethylphthalate	10.67	163	434633	39.69	nq	99
50) 2,6-Dinitrotoluene	10.74	165	94062	43.52	nq	# 82
51) Acenaphthene	11.03	154	326806	36.07	nq	99
52) 3-Nitroaniline	10.95	138	115928	42.94	nq	# 91
53) 2,4-Dinitrophenol	11.08	184	37482	53.28	nq	# 68
54) Dibenzofuran	11.24	168	478916	36.60	nq	97
55) 4-Nitrophenol	11.16	139	88671	41.50	nq	89
56) 2,4-Dinitrotoluene	11.23	165	110568	38.70	nq	93
57) Fluorene	11.67	166	404048	37.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.39	232	90732	38.01	nq	# 100
59) Diethylphthalate	11.54	149	397139	36.61	nq	97
60) 4-Chlorophenyl-phenylether	11.68	204	173408	36.39	nq	92
61) 4-Nitroaniline	11.70	138	122167	45.23	nq	87
62) Azobenzene	11.87	77	388360	36.33	nq	94
64) 4,6-Dinitro-2-methylphenol	11.74	198	56037	46.50	nq	85
65) n-Nitrosodiphenylamine	11.83	169	360761	37.00	nq	99
66) 4-Bromophenyl-phenylether	12.28	248	109396	35.85	nq	# 90
67) Hexachlorobenzene	12.34	284	127389	36.53	nq	# 86
68) Atrazine	12.50	200	108743	38.36	nq	97
69) Pentachlorophenol	12.59	266	72764	39.45	nq	97
70) Phenanthrene	12.86	178	575570	35.14	nq	100
71) Anthracene	12.93	178	608041	37.84	nq	99
72) Carbazole	13.13	167	601656	39.29	nq	99
73) Di-n-butylphthalate	13.58	149	696322	37.91	nq	99
74) Fluoranthene	14.34	202	653183	38.27	nq	91
76) Benzidine	14.51	184	294696	35.65	nq	98
77) Pyrene	14.62	202	658334	37.24	nq	99
79) Butylbenzylphthalate	15.45	149	325186	42.09	nq	97
80) Benzo(a)anthracene	16.15	228	646708	38.50	nq	99
81) 3,3'-Dichlorobenzidine	16.13	252	241020	40.28	nq	# 99
82) Chrysene	16.19	228	596163	36.90	nq	99
83) Bis(2-ethylhexyl)phthalate	16.21	149	471450	40.28	nq	# 98
84) Di-n-octyl phthalate	17.06	149	822507	39.91	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.49	276	759125	36.88	nq	# 100
87) Benzo(b)fluoranthene	17.53	252	659815	39.16	nq	98
88) Benzo(k)fluoranthene	17.57	252	571578	35.04	nq	98
89) Benzo(a)pyrene	17.95	252	585984	37.77	nq	100
90) Dibenzo(a,h)anthracene	19.51	278	622503	37.75	nq	98
91) Benzo(g,h,i)perylene	19.91	276	605682	36.65	nq	95

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

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