

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103015\
 Data File : BF082579.D
 Acq On : 30 Oct 2015 18:37
 Operator : UM/IZ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC02.5

Manual Integrations
 APPROVED

Mmdadoda
 11/2/2015 4:31:55 PM

Quant Time: Oct 30 22:52:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 23:22:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	214232	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	857646	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	468406	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	886016	20.00	ng	0.00
75) Chrysene-d12	14.08	240	707148	20.00	ng	0.00
86) Perylene-d12	15.53	264	539929	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	84429	7.39	ng	-0.01
7) Phenol-d6	6.51	99	104405	7.07	ng	-0.02
23) Nitrobenzene-d5	7.46	82	112942	7.78	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	23419	6.32	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	177833	5.88	ng	-0.01
78) Terphenyl-d14	13.03	244	169807	6.68	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	18601	3.30	ng	# 92
3) Pyridine	3.30	79	51152	3.76	ng	# 88
4) n-Nitrosodimethylamine	3.20	42	30229	4.75	ng	# 95
6) Aniline	6.56	93	75237	3.94	ng	97
8) 2-Chlorophenol	6.68	128	44184	3.39	ng	92
9) Benzaldehyde	6.44	77	40862	5.09	ng	95
10) Phenol	6.53	94	56880	3.34	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	44302	3.41	ng	99
12) 1,3-Dichlorobenzene	6.84	146	50627	3.28	ng	94
13) 1,4-Dichlorobenzene	6.92	146	50577	3.19	ng	92
14) 1,2-Dichlorobenzene	7.07	146	46292	3.08	ng	95
15) Benzyl Alcohol	7.04	79	53391	4.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	69667	3.81	ng	99
17) 2-Methylphenol	7.15	107	37662	3.55	ng	98
18) Hexachloroethane	7.42	117	18579	3.36	ng	85
19) n-Nitroso-di-n-propylamine	7.31	70	42765	4.32	ng	88
20) 3+4-Methylphenols	7.30	107	49733	3.70	ng	# 84
22) Acetophenone	7.31	105	66047	3.31	ng	# 94
24) Nitrobenzene	7.48	77	49554	3.11	ng	99
25) Isophorone	7.72	82	108564	3.84	ng	99
26) 2-Nitrophenol	7.80	139	17473	2.41	ng	# 79
27) 2,4-Dimethylphenol	7.84	122	39551	3.22	ng	94
28) bis(2-Chloroethoxy)methane	7.94	93	62357	3.80	ng	# 96
29) 2,4-Dichlorophenol	8.04	162	38373	3.21	ng	93
30) 1,2,4-Trichlorobenzene	8.13	180	42962	3.19	ng	98
31) Naphthalene	8.21	128	136151m	3.39	ng	
32) Benzoic acid	7.88	122	17290	2.36	ng	97
33) 4-Chloroaniline	8.26	127	52776	3.39	ng	# 87
34) Hexachlorobutadiene	8.34	225	25287	3.17	ng	98
35) Caprolactam	8.58	113	11698	3.45	ng	# 65
36) 4-Chloro-3-methylphenol	8.73	107	40929	3.47	ng	96
37) 2-Methylnaphthalene	8.91	142	82867	3.02	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	39335	2.72	ng	# 96
40) Hexachlorocyclopentadiene	9.07	237	21717	5.55	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	25343	2.72	nq	96
43) 2,4,5-Trichlorophenol	9.21	196	25479m	2.73	nq	
45) 1,1'-Biphenyl	9.37	154	109026	3.05	nq	94
46) 2-Chloronaphthalene	9.39	162	83920	2.98	nq	93
47) 2-Nitroaniline	9.48	65	24045	2.82	nq	# 70
48) Acenaphthylene	9.80	152	128847	2.85	nq	100
49) Dimethylphthalate	9.66	163	113116	3.43	nq	98
50) 2,6-Dinitrotoluene	9.72	165	19296	2.64	nq	91
51) Acenaphthene	9.98	154	76814	2.94	nq	95
52) 3-Nitroaniline	9.88	138	18341	2.34	nq	# 80
53) 2,4-Dinitrophenol	9.98	184	3847	1.39	nq	# 1
54) Dibenzofuran	10.16	168	111119	2.97	nq	# 86
55) 4-Nitrophenol	10.03	139	15166	4.34	nq	# 73
56) 2,4-Dinitrotoluene	10.12	165	24479	2.67	nq	# 82
57) Fluorene	10.50	166	90003	2.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	23481	3.20	nq	# 91
59) Diethylphthalate	10.37	149	94784	2.88	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	41122	2.77	nq	# 78
61) 4-Nitroaniline	10.49	138	18819	2.43	nq	94
62) Azobenzene	10.65	77	112286	3.38	nq	88
64) 4,6-Dinitro-2-methylphenol	10.52	198	5384	1.01	nq	# 4
65) n-Nitrosodiphenylamine	10.60	169	85258	3.07	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	25344	2.96	nq	# 70
67) Hexachlorobenzene	11.05	284	28990	3.21	nq	# 75
68) Atrazine	11.13	200	25558	3.04	nq	92
69) Pentachlorophenol	11.23	266	14680	3.83	nq	99
70) Phenanthrene	11.46	178	138075	2.97	nq	95
71) Anthracene	11.50	178	142927	3.04	nq	94
72) Carbazole	11.65	167	118218	2.85	nq	97
73) Di-n-butylphthalate	12.01	149	145724	2.89	nq	# 96
74) Fluoranthene	12.65	202	136117	2.86	nq	94
76) Benzidine	12.76	184	76409	3.51	nq	99
77) Pyrene	12.88	202	135955	3.00	nq	96
79) Butylbenzylphthalate	13.51	149	55024	2.83	nq	89
80) Benzo(a)anthracene	14.07	228	115906	2.93	nq	96
81) 3,3'-Dichlorobenzidine	14.03	252	37014	2.75	nq	# 96
82) Chrysene	14.10	228	112877	2.98	nq	96
83) Bis(2-ethylhexyl)phthalate	14.08	149	70260	2.72	nq	97
84) Di-n-octyl phthalate	14.69	149	104061	2.46	nq	# 98
85) Indeno(1,2,3-cd)pyrene	16.96	276	78987	2.36	nq	98
87) Benzo(b)fluoranthene	15.11	252	100905m	3.10	nq	
88) Benzo(k)fluoranthene	15.14	252	63584m	2.34	nq	
89) Benzo(a)pyrene	15.47	252	73037	2.59	nq	97
90) Dibenzo(a,h)anthracene	16.98	278	62959	2.63	nq	97
91) Benzo(g,h,i)perylene	17.38	276	62682	2.65	nq	98

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

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