

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072715\
 Data File : BF080676.D
 Acq On : 27 Jul 2015 17:11
 Operator : TP/UM
 Sample : SSTDICC025
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
 APPROVED

apatel
 7/29/2015 10:39:51 AM

Quant Time: Jul 28 01:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 28 01:01:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	41837	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	145908	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	66158	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	108727	20.00	ng	0.00
75) Chrysene-d12	14.31	240	73973	20.00	ng	0.06
86) Perylene-d12	16.03	264	34400	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	130103	52.23	ng	0.00
7) Phenol-d6	6.53	99	149818	51.42	ng	0.00
23) Nitrobenzene-d5	7.48	82	143573	49.87	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	32713	56.76	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	242344	54.71	ng	0.00
78) Terphenyl-d14	13.11	244	206110	58.62	ng	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	26456	23.65	ng	95
3) Pyridine	3.26	79	72314	27.51	ng	97
4) n-Nitrosodimethylamine	3.16	42	42254	24.71	ng	# 78
6) Aniline	6.58	93	106021	25.33	ng	96
8) 2-Chlorophenol	6.70	128	64475	23.81	ng	99
9) Benzaldehyde	6.46	77	52928	27.19	ng	98
10) Phenol	6.54	94	82965	23.65	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	58899	22.93	ng	98
12) 1,3-Dichlorobenzene	6.86	146	80047	26.83	ng	99
13) 1,4-Dichlorobenzene	6.94	146	77625	25.41	ng	96
14) 1,2-Dichlorobenzene	7.09	146	76752	25.60	ng	100
15) Benzyl Alcohol	7.06	79	62884	25.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	111784	25.03	ng	97
17) 2-Methylphenol	7.16	107	47016	22.17	ng	96
18) Hexachloroethane	7.44	117	26608	22.57	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	42498	20.32	ng	99
20) 3+4-Methylphenols	7.32	107	67353	24.32	ng	97
22) Acetophenone	7.33	105	89475	23.72	ng	99
24) Nitrobenzene	7.50	77	65805	22.83	ng	99
25) Isophorone	7.74	82	116572	23.28	ng	99
26) 2-Nitrophenol	7.82	139	28134	26.52	ng	97
27) 2,4-Dimethylphenol	7.86	122	54592m	25.84	ng	
28) bis(2-Chloroethoxy)methane	7.95	93	63313	21.88	ng	99
29) 2,4-Dichlorophenol	8.06	162	47232	23.91	ng	# 84
30) 1,2,4-Trichlorobenzene	8.16	180	57185	24.01	ng	98
31) Naphthalene	8.24	128	179201	24.68	ng	99
32) Benzoic acid	7.90	122	32218m	29.17	ng	
33) 4-Chloroaniline	8.28	127	65461	20.98	ng	98
34) Hexachlorobutadiene	8.35	225	34894	21.61	ng	95
35) Caprolactam	8.60	113	11712	21.65	ng	92
36) 4-Chloro-3-methylphenol	8.75	107	54686	25.86	ng	99
37) 2-Methylnaphthalene	8.92	142	120431	23.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	54674	27.75	ng	98
40) Hexachlorocyclopentadiene	9.08	237	33257	28.18	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	40017	30.04	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	36998	26.90	nq	96
45) 1,1'-Biphenyl	9.39	154	132391	28.03	nq	98
46) 2-Chloronaphthalene	9.41	162	111849	28.18	nq	98
47) 2-Nitroaniline	9.50	65	28082	24.20	nq	# 39
48) Acenaphthylene	9.82	152	184341	27.90	nq	100
49) Dimethylphthalate	9.68	163	111724	24.10	nq	100
50) 2,6-Dinitrotoluene	9.74	165	22728	27.17	nq	# 87
51) Acenaphthene	10.00	154	111112	27.95	nq	95
52) 3-Nitroaniline	9.90	138	26457	26.84	nq	93
53) 2,4-Dinitrophenol	10.01	184	6049	18.62	nq	80
54) Dibenzofuran	10.17	168	154961	27.36	nq	98
55) 4-Nitrophenol	10.05	139	18811	24.81	nq	88
56) 2,4-Dinitrotoluene	10.14	165	28050	25.98	nq	97
57) Fluorene	10.51	166	118311	26.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	27315m	25.56	nq	
59) Diethylphthalate	10.38	149	119324	26.22	nq	100
60) 4-Chlorophenyl-phenylether	10.51	204	50518	25.67	nq	96
61) 4-Nitroaniline	10.51	138	24980	26.70	nq	97
62) Azobenzene	10.66	77	110963	25.36	nq	98
64) 4,6-Dinitro-2-methylphenol	10.54	198	10975	22.50	nq	91
65) n-Nitrosodiphenylamine	10.62	169	90618	26.93	nq	95
66) 4-Bromophenyl-phenylether	11.00	248	28193	27.49	nq	99
67) Hexachlorobenzene	11.06	284	34185	27.52	nq	94
68) Atrazine	11.15	200	23573	25.14	nq	91
69) Pentachlorophenol	11.25	266	15583	25.88	nq	94
70) Phenanthrene	11.47	178	156132	26.03	nq	99
71) Anthracene	11.53	178	159421	27.64	nq	98
72) Carbazole	11.68	167	131845	25.70	nq	97
73) Di-n-butylphthalate	12.02	149	136798	21.78	nq	# 96
74) Fluoranthene	12.69	202	138843	24.59	nq	92
76) Benzidine	12.83	184	62018	25.70	nq	98
77) Pyrene	12.95	202	146646	30.34	nq	99
79) Butylbenzylphthalate	13.64	149	50065	26.00	nq	91
80) Benzo(a)anthracene	14.29	228	108743	25.35	nq	99
81) 3,3'-Dichlorobenzidine	14.26	252	30323	22.37	nq	96
82) Chrysene	14.34	228	108384	26.88	nq	97
83) Bis(2-ethylhexyl)phthalate	14.32	149	62612	22.00	nq	99
84) Di-n-octyl phthalate	15.09	149	71000	15.85	nq	# 99
85) Indeno(1,2,3-cd)pyrene	17.53	276	38593	9.05	nq	98
87) Benzo(b)fluoranthene	15.57	252	70409	32.00	nq	# 98
88) Benzo(k)fluoranthene	15.61	252	52505m	28.31	nq	
89) Benzo(a)pyrene	15.96	252	49845	26.34	nq	97
90) Dibenzo(a,h)anthracene	17.55	278	29304	15.52	nq	# 94
91) Benzo(g,h,i)perylene	17.97	276	29110	15.21	nq	94

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

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