Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086418.D
Acq On : 27 Apr 2016 12:22
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
4/28/2016 1:39:55 PM

Quant Time: Apr 27 13:03:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 12:41:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	124248	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	522978	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	251949	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	445673	20.00	ng		0.00
75) Chrysene-d12	13.96	240	312426	20.00	ng		0.00
86) Perylene-d12	15.36	264	248286	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	731005	101.60	ng		0.00
7) Phenol-d6	6.44	99	980800	100.28	ng		0.00
23) Nitrobenzene-d5	7.38	82	994582	112.66	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	278061	121.92	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1432805	97.05	ng		0.00
78) Terphenyl-d14	12.91	244	1407015	111.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	185017	46.50	ng	#	77
3) Pyridine	3.06	79	459825	48.50	ng	#	75
4) n-Nitrosodimethylamine	3.01	42	276720	81.77	ng	#	61
6) Aniline	6.46	93	639916	53.61	ng		92
8) 2-Chlorophenol	6.59	128	442984	50.43	ng		95
9) Benzaldehyde	6.35	77	273800	46.08	ng		99
10) Phenol	6.45	94	514542	44.55	ng		73
11) bis(2-Chloroethyl)ether	6.54	93	450945	44.85	ng		86
12) 1,3-Dichlorobenzene	6.75	146	460689	49.18	ng		98
13) 1,4-Dichlorobenzene	6.82	146	478118m	46.46	ng		
14) 1,2-Dichlorobenzene	6.98	146	463014	49.52	ng		99
15) Benzyl Alcohol	6.96	79	344479	59.34	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	938223	71.18	ng		89
17) 2-Methylphenol	7.07	107	369826	51.38	ng		96
18) Hexachloroethane	7.32	117	182705	52.71	ng	#	86
19) n-Nitroso-di-n-propylamine	7.23	70	306958	52.52	ng	#	73
20) 3+4-Methylphenols	7.22	107	422493	55.37	ng	#	89
22) Acetophenone	7.22	105	578640	52.74	ng	#	85
24) Nitrobenzene	7.39	77	478442	50.52	ng		96
25) Isophorone	7.64	82	926279	53.54	ng		95
26) 2-Nitrophenol	7.71	139	245136	52.39	ng		88
27) 2,4-Dimethylphenol	7.76	122	422759	52.77	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	497744	51.52	ng		99
29) 2,4-Dichlorophenol	7.95	162	348612	52.64	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	379633	52.77	ng		95
31) Naphthalene	8.11	128	1198409	44.98	ng		99
32) Benzoic acid	7.89	122	243523	47.54	ng		90
33) 4-Chloroaniline	8.17	127	527975	50.88	ng		96
34) Hexachlorobutadiene	8.24	225	223933	62.34	ng		99
35) Caprolactam	8.56	113	119898	50.46	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	381270	48.44	ng		91
37) 2-Methylnaphthalene	8.81	142	801919	52.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	324613	49.80	ng		98
40) Hexachlorocyclopentadiene	8.96	237	180461	56.68	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	230039	53.82	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	255125	48.48	ng		97
45) 1,1'-Biphenyl	9.28	154	1032700	52.83	ng		99
46) 2-Chloronaphthalene	9.30	162	796984	51.51	ng		100
47) 2-Nitroaniline	9.39	65	267122	55.45	ng	#	82
48) Acenaphthylene	9.71	152	1232509	49.13	ng		100
49) Dimethylphthalate	9.57	163	871775	47.89	ng		99
50) 2,6-Dinitrotoluene	9.64	165	203019	51.64	ng	#	69
51) Acenaphthene	9.88	154	794311	51.54	ng		99
52) 3-Nitroaniline	9.80	138	219797	44.66	ng		83
53) 2,4-Dinitrophenol	9.90	184	94230	46.10	ng	#	78
54) Dibenzofuran	10.05	168	989156	49.98	ng		100
55) 4-Nitrophenol	9.96	139	148773	43.19	ng	#	67
56) 2,4-Dinitrotoluene	10.04	165	269193	51.56	ng	#	82
57) Fluorene	10.40	166	815586	50.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	198039	51.49	ng		98
59) Diethylphthalate	10.27	149	814411	46.73	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	352566	49.71	ng		94
61) 4-Nitroaniline	10.42	138	225763	44.81	ng		82
62) Azobenzene	10.54	77	940358	52.03	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	131965	48.46	ng	#	35
65) n-Nitrosodiphenylamine	10.51	169	715824	52.09	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	242219	55.50	ng		90
67) Hexachlorobenzene	10.93	284	256319	55.05	ng	#	65
68) Atrazine	11.04	200	211354	49.81	ng		96
69) Pentachlorophenol	11.13	266	146493	53.58	ng		98
70) Phenanthrene	11.36	178	1157733	51.70	ng		100
71) Anthracene	11.40	178	1205118	46.97	ng		99
72) Carbazole	11.56	167	1140307	47.32	ng		99
73) Di-n-butylphthalate	11.89	149	1295023	51.08	ng		99
74) Fluoranthene	12.53	202	1179795	48.85	ng		98
76) Benzidine	12.66	184	562715	43.92	ng		99
77) Pyrene	12.76	202	1174941	53.92	ng		99
79) Butylbenzylphthalate	13.38	149	514219	50.66	ng	#	65
80) Benzo(a)anthracene	13.95	228	825552	50.90	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	575765	51.47	ng		97
82) Chrysene	13.99	228	939732	51.43	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	636767	56.02	ng	#	99
84) Di-n-octyl phthalate	14.56	149	1059371	48.55	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.72	276	717261	44.16	ng		97
87) Benzo(b)fluoranthene	14.97	252	796112m	58.42	ng		
88) Benzo(k)fluoranthene	14.99	252	691885m	51.73	ng		
89) Benzo(a)pyrene	15.30	252	683667	50.85	ng	#	95
90) Dibenzo(a,h)anthracene	16.74	278	601576	54.24	ng		97
91) Benzo(g,h,i)perylene	17.13	276	596689	52.12	ng		95

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

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