Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078852.D
Acq On : 30 Apr 2015 16:32
Operator : TP/IZ
Sample : SSTDICC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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5/1/2015 4:43:21 PM

Quant Time: Apr 30 18:08:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 17:23:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	82242	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	347797	20.00	ng		0.00
38) Acenaphthene-d10	11.13	164	167460	20.00	ng		0.00
63) Phenanthrene-d10	12.97	188	318057	20.00	ng		0.00
75) Chrysene-d12	16.29	240	332766	20.00	ng		-0.01
86) Perylene-d12	18.09	264	336320	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	478044	106.76	ng		0.00
7) Phenol-d6	6.91	99	616607	103.11	ng		-0.01
23) Nitrobenzene-d5	8.07	82	592082	122.57	ng		0.00
41) 2,4,6-Tribromophenol	12.10	330	184988	127.04	ng		-0.01
44) 2-Fluorobiphenyl	10.30	172	1137054	92.98	ng		0.00
78) Terphenyl-d14	14.97	244	1311153	93.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	104062	50.65	ng	#	23
3) Pyridine	3.11	79	318264	52.46	ng		99
4) n-Nitrosodimethylamine	3.03	42	135800	49.82	ng		92
6) Aniline	6.96	93	435305	49.83	ng		96
8) 2-Chlorophenol	7.10	128	264851	51.46	ng		93
9) Benzaldehyde	6.82	77	206174	47.77	ng		97
10) Phenol	6.94	94	376485	53.26	ng		97
11) bis(2-Chloroethyl)ether	7.06	93	261012	49.93	ng		90
12) 1,3-Dichlorobenzene	7.30	146	288605	48.29	ng	#	89
13) 1,4-Dichlorobenzene	7.39	146	298733	48.82	ng		97
14) 1,2-Dichlorobenzene	7.58	146	285954	50.02	ng		97
15) Benzyl Alcohol	7.55	79	229699	51.54	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.72	45	391383	47.89	ng		99
17) 2-Methylphenol	7.69	107	220570	52.94	ng		95
18) Hexachloroethane	8.00	117	105380	52.14	ng		93
19) n-Nitroso-di-n-propylamine	7.88	70	217382	52.09	ng	#	88
20) 3+4-Methylphenols	7.87	107	288622	53.18	ng		93
22) Acetophenone	7.87	105	362642	47.06	ng	#	90
24) Nitrobenzene	8.09	77	288573	55.78	ng	#	81
25) Isophorone	8.39	82	556697	50.98	ng	#	92
26) 2-Nitrophenol	8.48	139	132384	96.94	ng	#	91
27) 2,4-Dimethylphenol	8.54	122	247737	51.14	ng		96
28) bis(2-Chloroethoxy)methane	8.66	93	339845	50.40	ng		99
29) 2,4-Dichlorophenol	8.78	162	214163	51.72	ng		92
30) 1,2,4-Trichlorobenzene	8.88	180	231384	48.66	ng		97
31) Naphthalene	8.97	128	779098	47.20	ng		100
32) Benzoic acid	8.64	122	157435	107.08	ng		91
33) 4-Chloroaniline	9.05	127	338648	48.75	ng	#	92
34) Hexachlorobutadiene	9.13	225	131834	49.14	ng		99
35) Caprolactam	9.47	113	74946	56.84	ng		89
36) 4-Chloro-3-methylphenol	9.64	107	239801	55.16	ng		93
37) 2-Methylnaphthalene	9.84	142	557537	50.20	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.04	216	225543	47.54	ng	#	100
40) Hexachlorocyclopentadiene	10.03	237	115812	58.07	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	163896	56.69	ng		95
43) 2,4,5-Trichlorophenol	10.23	196	164595	53.49	ng	#	90
45) 1,1'-Biphenyl	10.42	154	631173	46.96	ng		96
46) 2-Chloronaphthalene	10.44	162	491745	46.82	ng	#	91
47) 2-Nitroaniline	10.56	65	153640	66.98	ng		87
48) Acenaphthylene	10.95	152	819917	47.71	ng		99
49) Dimethylphthalate	10.80	163	575034	48.30	ng		99
50) 2,6-Dinitrotoluene	10.88	165	119947	61.84	ng	#	66
51) Acenaphthene	11.16	154	487466	48.30	ng		99
52) 3-Nitroaniline	11.07	138	146581	58.25	ng	#	79
53) 2,4-Dinitrophenol	11.21	184	38314	142.26	ng	#	72
54) Dibenzofuran	11.38	168	683381	46.15	ng		98
55) 4-Nitrophenol	11.28	139	120959	70.10	ng		88
56) 2,4-Dinitrotoluene	11.37	165	171632	76.69	ng	#	68
57) Fluorene	11.81	166	567658	47.96	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.53	232	131299	56.98	ng	#	100
59) Diethylphthalate	11.68	149	590573	49.85	ng		97
60) 4-Chlorophenyl-phenylether	11.82	204	252431	47.93	ng		96
61) 4-Nitroaniline	11.83	138	153874	60.13	ng		94
62) Azobenzene	12.01	77	585983	48.51	ng		97
64) 4,6-Dinitro-2-methylphenol	11.87	198	67791	134.89	ng	#	60
65) n-Nitrosodiphenylamine	11.97	169	525450	51.10	ng		99
66) 4-Bromophenyl-phenylether	12.42	248	161318	50.25	ng		95
67) Hexachlorobenzene	12.48	284	180498	49.63	ng		94
68) Atrazine	12.63	200	147880	53.69	ng		97
69) Pentachlorophenol	12.73	266	99958	66.02	ng		98
70) Phenanthrene	13.01	178	858249	49.84	ng		99
71) Anthracene	13.06	178	836929	49.71	ng		99
72) Carbazole	13.27	167	813614	51.17	ng		99
73) Di-n-butylphthalate	13.71	149	996642	54.11	ng		99
74) Fluoranthene	14.48	202	901104	52.47	ng		99
76) Benzidine	14.66	184	468336	43.48	ng		99
77) Pyrene	14.77	202	954648	49.10	ng		99
79) Butylbenzylphthalate	15.59	149	447125	59.97	ng		96
80) Benzo(a)anthracene	16.27	228	894920	50.12	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	339944	55.94	ng	#	98
82) Chrysene	16.32	228	836684	48.08	ng		99
83) Bis(2-ethylhexyl)phthalate	16.33	149	671522	56.11	ng	#	99
84) Di-n-octyl phthalate	17.15	149	1159444	65.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.61	276	1113667	56.41	ng	#	100
87) Benzo(b)fluoranthene	17.62	252	925920	50.86	ng		98
88) Benzo(k)fluoranthene	17.67	252	857257m	48.59	ng		
89) Benzo(a)pyrene	18.02	252	842084	51.70	ng	#	95
90) Dibenzo(a,h)anthracene	19.65	278	900862	53.40	ng		98
91) Benzo(g,h,i)perylene	20.07	276	892928	52.73	ng		99

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

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