Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032715\
Data File : BF078038.D
Acq On : 27 Mar 2015 15:55
Operator : TP/IZ
Sample : G1654-10MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-3-25-15MS

Manual Integrations APPROVED
apatel
3/30/2015 6:30:37 PM

Quant Time: Mar 28 06:04:57 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 28 05:39:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	35768	20.00	ng		0.00
21) Naphthalene-d8	8.65	136	146533	20.00	ng		0.00
38) Acenaphthene-d10	10.82	164	75889	20.00	ng		0.00
63) Phenanthrene-d10	12.66	188	145979	20.00	ng		0.00
75) Chrysene-d12	15.94	240	155678	20.00	ng		0.01
86) Perylene-d12	17.69	264	150935	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	140688	68.66	ng		0.00
7) Phenol-d6	6.67	99	112438	44.41	ng		0.00
23) Nitrobenzene-d5	7.77	82	227190	101.63	ng		-0.01
41) 2,4,6-Tribromophenol	11.80	330	101811	140.22	ng		0.00
44) 2-Fluorobiphenyl	10.00	172	494768	95.81	ng		0.00
78) Terphenyl-d14	14.65	244	586048	91.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	18452	19.83	ng	#	100
3) Pyridine	2.62	79	45776	18.31	ng		98
4) n-Nitrosodimethylamine	2.54	42	19564	17.97	ng		94
6) Aniline	6.67	93	58490	16.15	ng		92
8) 2-Chlorophenol	6.81	128	101325	41.54	ng		93
9) Benzaldehyde	6.52	77	6416	6.19	ng		91
10) Phenol	6.68	94	46393	15.50	ng		82
11) bis(2-Chloroethyl)ether	6.77	93	115150	51.37	ng		99
12) 1,3-Dichlorobenzene	6.99	146	120479	44.41	ng	#	95
13) 1,4-Dichlorobenzene	7.09	146	122717	43.53	ng		95
14) 1,2-Dichlorobenzene	7.28	146	116806	45.20	ng	#	95
15) Benzyl Alcohol	7.26	79	61651	31.20	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.45	45	156114	51.68	ng		99
17) 2-Methylphenol	7.44	107	64182	32.32	ng	#	85
18) Hexachloroethane	7.70	117	41653	45.06	ng	#	82
19) n-Nitroso-di-n-propylamine	7.60	70	85531	48.84	ng		96
20) 3+4-Methylphenols	7.63	107	80688	30.97	ng		99
22) Acetophenone	7.58	105	170796	52.65	ng	#	99
24) Nitrobenzene	7.79	77	121286	50.36	ng		99
25) Isophorone	8.10	82	235318	52.12	ng		99
26) 2-Nitrophenol	8.19	139	62304	52.84	ng		99
27) 2,4-Dimethylphenol	8.27	122	97869	45.56	ng		97
28) bis(2-Chloroethoxy)methane	8.38	93	148302	54.12	ng		98
29) 2,4-Dichlorophenol	8.50	162	99650	48.67	ng		98
30) 1,2,4-Trichlorobenzene	8.59	180	108367	47.31	ng		98
31) Naphthalene	8.68	128	357129	47.45	ng		100
32) Benzoic acid	8.37	122	21043	19.52	ng		96
33) 4-Chloroaniline	8.76	127	60177	19.70	ng	#	94
34) Hexachlorobutadiene	8.83	225	57091	43.97	ng		96
35) Caprolactam	9.21	113	4778	7.99	ng		98
36) 4-Chloro-3-methylphenol	9.38	107	95735	46.47	ng		87
37) 2-Methylnaphthalene	9.54	142	259061	51.24	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	110224	48.70	ng	#	100
40) Hexachlorocyclopentadiene	9.72	237	90412	79.80	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	75314	48.03	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	81416	48.06	ng	#	95
45) 1,1'-Biphenyl	10.12	154	302113	49.80	ng		99
46) 2-Chloronaphthalene	10.13	162	226181	45.88	ng	#	91
47) 2-Nitroaniline	10.27	65	63765	52.08	ng	#	81
48) Acenaphthylene	10.65	152	369556	45.08	ng		99
49) Dimethylphthalate	10.51	163	274055	48.69	ng		99
50) 2,6-Dinitrotoluene	10.59	165	62158	53.27	ng	#	68
51) Acenaphthene	10.87	154	216643	46.09	ng		99
52) 3-Nitroaniline	10.79	138	28052	20.70	ng	#	88
53) 2,4-Dinitrophenol	10.92	184	49237	111.36	ng	#	81
54) Dibenzofuran	11.07	168	325144	46.64	ng		91
55) 4-Nitrophenol	11.03	139	35514	35.38	ng	#	56
56) 2,4-Dinitrotoluene	11.08	165	84475	55.53	ng	#	69
57) Fluorene	11.49	166	275630	47.62	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	63470	48.66	ng	#	100
59) Diethylphthalate	11.39	149	289112	52.72	ng		100
60) 4-Chlorophenyl-phenylether	11.51	204	125301	47.43	ng	#	83
61) 4-Nitroaniline	11.54	138	54969	40.70	ng		78
62) Azobenzene	11.71	77	285600	54.49	ng		94
64) 4,6-Dinitro-2-methylphenol	11.57	198	33821	48.97	ng	#	73
65) n-Nitrosodiphenylamine	11.67	169	249882	51.41	ng		100
66) 4-Bromophenyl-phenylether	12.11	248	74796	48.01	ng	#	81
67) Hexachlorobenzene	12.17	284	79761	46.59	ng	#	86
68) Atrazine	12.35	200	75168	55.18	ng		97
69) Pentachlorophenol	12.43	266	84772	93.99	ng		99
70) Phenanthrene	12.68	178	406987	48.57	ng		99
71) Anthracene	12.75	178	421227	50.88	ng		99
72) Carbazole	12.96	167	400354	50.83	ng		100
73) Di-n-butylphthalate	13.41	149	479950	54.35	ng		100
74) Fluoranthene	14.16	202	464256	50.23	ng		97
77) Pyrene	14.43	202	474342	48.45	ng		99
79) Butylbenzylphthalate	15.28	149	223454	57.89	ng		93
80) Benzo(a)anthracene	15.93	228	464401	50.32	ng		100
81) 3,3'-Dichlorobenzidine	15.91	252	53287	17.51	ng	#	95
82) Chrysene	15.97	228	410154	49.43	ng		99
83) Bis(2-ethylhexyl)phthalate	16.00	149	323913	55.40	ng	#	96
84) Di-n-octyl phthalate	16.80	149	568527	56.87	ng		100
85) Indeno(1,2,3-cd)pyrene	19.04	276	503914	48.66	ng	#	100
87) Benzo(b)fluoranthene	17.24	252	464609	47.15	ng	#	95
88) Benzo(k)fluoranthene	17.28	252	424990m	55.22	ng		
89) Benzo(a)pyrene	17.62	252	437391	53.20	ng	#	96
90) Dibenzo(a,h)anthracene	19.07	278	405732	49.76	ng		99
91) Benzo(g,h,i)perylene	19.44	276	417998	50.35	ng		99

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

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