Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
Data File : BF082271.D
Acq On : 13 Oct 2015 23:22
Operator : UM/IZ
Sample : G4005-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-3MS

Manual Integrations APPROVED
MMdadoda
10/14/2015 3:51:24 PM

Quant Time: Oct 14 02:29:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 14 01:15:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74796	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	295384	20.00	ng		0.00
38) Acenaphthene-d10	9.87	164	147378	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	279884	20.00	ng		-0.01
75) Chrysene-d12	14.04	240	231357	20.00	ng		-0.10
86) Perylene-d12	15.53	264	206833	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	545757	147.26	ng		0.01
7) Phenol-d6	6.47	99	650309	134.84	ng		0.00
23) Nitrobenzene-d5	7.41	82	427987	97.30	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	189423	137.05	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	739485	83.21	ng		0.00
78) Terphenyl-d14	12.95	244	701346	80.33	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	64675	34.73	ng		97
3) Pyridine	3.14	79	160885	37.15	ng		99
4) n-Nitrosodimethylamine	3.11	42	76281	41.53	ng		98
6) Aniline	6.49	93	181888	29.25	ng	#	77
8) 2-Chlorophenol	6.62	128	189487	41.88	ng		97
9) Benzaldehyde	6.38	77	101902	41.38	ng		89
10) Phenol	6.48	94	223974	40.28	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	203876	43.36	ng		96
12) 1,3-Dichlorobenzene	6.77	146	222703	42.27	ng		97
13) 1,4-Dichlorobenzene	6.85	146	229116	41.64	ng		98
14) 1,2-Dichlorobenzene	6.99	146	208928	39.99	ng		97
15) Benzyl Alcohol	6.97	79	152260	45.73	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	264906	40.46	ng		98
17) 2-Methylphenol	7.10	107	161031	45.01	ng		98
18) Hexachloroethane	7.34	117	74085	39.34	ng		93
19) n-Nitroso-di-n-propylamine	7.25	70	126236	37.27	ng	#	87
20) 3+4-Methylphenols	7.25	107	193398	45.36	ng		99
22) Acetophenone	7.25	105	269857	46.18	ng		97
24) Nitrobenzene	7.42	77	197784	41.54	ng		98
25) Isophorone	7.66	82	372333	41.94	ng		98
26) 2-Nitrophenol	7.74	139	113544	47.76	ng		98
27) 2,4-Dimethylphenol	7.77	122	173257	45.24	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	238132	46.10	ng		99
29) 2,4-Dichlorophenol	7.98	162	185884	48.55	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	186102	42.17	ng		98
31) Naphthalene	8.14	128	559086	43.66	ng		100
32) Benzoic acid	7.85	122	14377	5.59	ng		95
33) 4-Chloroaniline	8.19	127	98345	18.49	ng		99
34) Hexachlorobutadiene	8.25	225	108411	39.42	ng		99
35) Caprolactam	8.56	113	51966	46.77	ng	#	78
36) 4-Chloro-3-methylphenol	8.69	107	189445	50.60	ng		91
37) 2-Methylnaphthalene	8.83	142	401208	45.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	176186	40.19	ng		98
40) Hexachlorocyclopentadiene	8.98	237	92049	45.50	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	119604	41.08	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	145704	46.20	ng	#	93
45) 1,1'-Biphenyl	9.30	154	448840	39.94	ng		94
46) 2-Chloronaphthalene	9.33	162	380738	43.04	ng		99
47) 2-Nitroaniline	9.43	65	117311	48.30	ng	#	68
48) Acenaphthylene	9.74	152	604430	43.86	ng		100
49) Dimethylphthalate	9.60	163	567358	54.67	ng		100
50) 2,6-Dinitrotoluene	9.67	165	98295	44.89	ng		89
51) Acenaphthene	9.91	154	360280	43.55	ng		99
52) 3-Nitroaniline	9.84	138	67753	27.39	ng		95
53) 2,4-Dinitrophenol	9.94	184	25830	25.82	ng	#	82
54) Dibenzofuran	10.08	168	507520	44.68	ng		98
55) 4-Nitrophenol	10.01	139	155502	87.59	ng		99
56) 2,4-Dinitrotoluene	10.07	165	118124	43.16	ng		89
57) Fluorene	10.42	166	399086	42.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	114024	44.25	ng		95
59) Diethylphthalate	10.30	149	400931	41.45	ng		97
60) 4-Chlorophenyl-phenylether	10.42	204	177730	41.59	ng	#	78
61) 4-Nitroaniline	10.46	138	98647	41.12	ng		96
62) Azobenzene	10.57	77	394889	41.71	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	27675	17.62	ng		92
65) n-Nitrosodiphenylamine	10.54	169	336095	40.11	ng		100
66) 4-Bromophenyl-phenylether	10.90	248	109467	39.08	ng	#	86
67) Hexachlorobenzene	10.97	284	126622	41.80	ng	#	85
68) Atrazine	11.07	200	119988	45.20	ng		95
69) Pentachlorophenol	11.17	266	137316	88.09	ng		96
70) Phenanthrene	11.39	178	804656	58.65	ng		99
71) Anthracene	11.44	178	640955	45.34	ng		100
72) Carbazole	11.60	167	578050	44.82	ng		98
73) Di-n-butylphthalate	11.93	149	660225	41.50	ng		99
74) Fluoranthene	12.58	202	898555	60.98	ng		98
76) Benzidine	12.71	184	155033	23.12	ng		97
77) Pyrene	12.81	202	880210	64.11	ng		100
79) Butylbenzylphthalate	13.44	149	255705	40.81	ng	#	82
80) Benzo(a)anthracene	14.02	228	642452	53.37	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	143854	31.48	ng		99
82) Chrysene	14.06	228	576278	45.43	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	334606	37.43	ng		98
84) Di-n-octyl phthalate	14.68	149	524377	34.16	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	494730	49.07	ng		100
87) Benzo(b)fluoranthene	15.11	252	673971m	53.56	ng		
88) Benzo(k)fluoranthene	15.14	252	409455m	38.71	ng		
89) Benzo(a)pyrene	15.48	252	531939	49.19	ng		98
90) Dibenzo(a,h)anthracene	16.98	278	383032	43.22	ng		98
91) Benzo(g,h,i)perylene	17.40	276	418301	48.59	ng		98

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

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