Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080018.D
Acq On : 17 Jun 2015 7:24
Operator : TP/IZ
Sample : G2651-09MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-HC-001MSD

Manual Integrations APPROVED
apatel
6/17/2015 5:13:15 PM

Quant Time: Jun 17 14:53:45 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	44738	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	175512	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	90328	20.00	ng		0.00
63) Phenanthrene-d10	11.93	188	191879	20.00	ng		0.01
75) Chrysene-d12	15.03	240	211263	20.00	ng		0.13
86) Perylene-d12	17.01	264	212256	20.00	ng		0.21
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	361175	148.03	ng		0.01
7) Phenol-d6	6.95	99	460857	138.64	ng		0.00
23) Nitrobenzene-d5	7.91	82	299869	112.73	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	133334	146.18	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	549411	85.17	ng		0.00
78) Terphenyl-d14	13.69	244	727463	79.39	ng		0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	36931	33.27	ng		98
3) Pyridine	4.08	79	77360	27.20	ng		97
4) n-Nitrosodimethylamine	3.98	42	56605	40.38	ng		98
6) Aniline	7.01	93	163830	34.06	ng		96
8) 2-Chlorophenol	7.13	128	118656	40.02	ng		90
9) Benzaldehyde	6.89	77	78782	41.23	ng		97
10) Phenol	6.97	94	145002	39.66	ng		94
11) bis(2-Chloroethyl)ether	7.06	93	108932	37.03	ng		91
12) 1,3-Dichlorobenzene	7.29	146	130528	37.73	ng		96
13) 1,4-Dichlorobenzene	7.37	146	141146	39.28	ng		98
14) 1,2-Dichlorobenzene	7.53	146	124611	39.05	ng	#	91
15) Benzyl Alcohol	7.48	79	117563	44.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.61	45	177490	40.74	ng		99
17) 2-Methylphenol	7.58	107	93858	36.23	ng		94
18) Hexachloroethane	7.88	117	43826	39.39	ng		95
19) n-Nitroso-di-n-propylamine	7.74	70	87522	36.85	ng		94
20) 3+4-Methylphenols	7.74	107	132704	40.08	ng		92
22) Acetophenone	7.75	105	183027	44.16	ng	#	95
24) Nitrobenzene	7.92	77	124553	44.02	ng		95
25) Isophorone	8.16	82	239873	38.75	ng		96
26) 2-Nitrophenol	8.25	139	56569	56.35	ng		93
27) 2,4-Dimethylphenol	8.28	122	105165m	37.91	ng		
28) bis(2-Chloroethoxy)methane	8.37	93	154710	42.09	ng		100
29) 2,4-Dichlorophenol	8.49	162	105487	45.40	ng		86
30) 1,2,4-Trichlorobenzene	8.58	180	117958	39.94	ng		99
31) Naphthalene	8.66	128	374123	39.00	ng		99
32) Benzoic acid	8.32	122	44592m	42.38	ng		
33) 4-Chloroaniline	8.70	127	128545m	34.52	ng		
34) Hexachlorobutadiene	8.79	225	63422	38.68	ng		98
35) Caprolactam	9.03	113	29550	40.21	ng	#	59
36) 4-Chloro-3-methylphenol	9.17	107	107594	40.53	ng		89
37) 2-Methylnaphthalene	9.36	142	267024	41.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	116684	38.57	ng		99
40) Hexachlorocyclopentadiene	9.52	237	43511	41.82	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.64	196	80651	43.27	ng		97
43) 2,4,5-Trichlorophenol	9.67	196	83814	40.73	ng		96
45) 1,1'-Biphenyl	9.82	154	284096	38.86	ng		99
46) 2-Chloronaphthalene	9.85	162	237136	38.10	ng		99
47) 2-Nitroaniline	9.93	65	66091	49.31	ng		97
48) Acenaphthylene	10.28	152	401344	38.20	ng		99
49) Dimethylphthalate	10.10	163	313459	43.31	ng		100
50) 2,6-Dinitrotoluene	10.17	165	56569	43.11	ng		94
51) Acenaphthene	10.45	154	241922	40.51	ng		97
52) 3-Nitroaniline	10.34	138	60861	38.47	ng		97
53) 2,4-Dinitrophenol	10.46	184	29152	93.41	ng	#	1
54) Dibenzofuran	10.62	168	345500	39.60	ng		100
55) 4-Nitrophenol	10.49	139	111767	96.22	ng	#	71
56) 2,4-Dinitrotoluene	10.58	165	78741	45.23	ng		93
57) Fluorene	10.97	166	283207	37.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.73	232	71223	45.67	ng		96
59) Diethylphthalate	10.81	149	271885	37.57	ng		99
60) 4-Chlorophenyl-phenylether	10.95	204	130060	38.30	ng		98
61) 4-Nitroaniline	10.96	138	66191	39.82	ng		96
62) Azobenzene	11.11	77	276485	39.71	ng		99
64) 4,6-Dinitro-2-methylphenol	11.00	198	26540	58.14	ng		90
65) n-Nitrosodiphenylamine	11.06	169	250361	40.42	ng		99
66) 4-Bromophenyl-phenylether	11.45	248	85321	39.68	ng		93
67) Hexachlorobenzene	11.53	284	89468	38.14	ng	#	91
68) Atrazine	11.59	200	81163	42.57	ng		96
69) Pentachlorophenol	11.73	266	100615	90.37	ng		98
70) Phenanthrene	11.96	178	430991	37.69	ng		99
71) Anthracene	12.01	178	447432	40.43	ng		100
72) Carbazole	12.17	167	386062	35.97	ng		99
73) Di-n-butylphthalate	12.50	149	470181	40.21	ng		99
74) Fluoranthene	13.27	202	481988	38.13	ng		94
76) Benzidine	13.38	184	217885	37.24	ng		99
77) Pyrene	13.53	202	508934	38.36	ng		99
79) Butylbenzylphthalate	14.26	149	219700	49.03	ng	#	83
80) Benzo(a)anthracene	15.02	228	491922	36.67	ng		99
81) 3,3'-Dichlorobenzidine	14.96	252	182506	42.55	ng	#	97
82) Chrysene	15.08	228	458951	38.51	ng		99
83) Bis(2-ethylhexyl)phthalate	15.01	149	329119	45.89	ng		99
84) Di-n-octyl phthalate	15.87	149	566957	48.48	ng		99
85) Indeno(1,2,3-cd)pyrene	18.91	276	537915	38.29	ng		99
87) Benzo(b)fluoranthene	16.45	252	500399m	38.48	ng		
88) Benzo(k)fluoranthene	16.49	252	470184	35.45	ng		98
89) Benzo(a)pyrene	16.93	252	476504	38.53	ng	#	95
90) Dibenzo(a,h)anthracene	18.93	278	458074	37.68	ng		98
91) Benzo(g,h,i)perylene	19.47	276	459184	36.50	ng		99

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

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