Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
Data File : BF082820.D
Acq On : 8 Nov 2015 4:02
Operator : UM/IZ
Sample : G4206-02MS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM1-31COMPOSITEMS

Manual Integrations APPROVED
Mmdadoda
11/9/2015 2:08:44 PM

Quant Time: Nov 09 02:20:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217771	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	779183	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	378448	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	633231	20.00	ng		0.00
75) Chrysene-d12	14.01	240	427541	20.00	ng		-0.01
86) Perylene-d12	15.44	264	465961	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1470989	105.10	ng		0.03
7) Phenol-d6	6.50	99	1740233	93.53	ng		0.02
23) Nitrobenzene-d5	7.41	82	1421772	79.40	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	386576	89.09	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1981368	75.04	ng		0.00
78) Terphenyl-d14	12.96	244	1584394	87.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	205969	34.11	ng	#	80
3) Pyridine	3.33	79	351939m	20.08	ng		
4) n-Nitrosodimethylamine	3.25	42	289384	33.30	ng		84
6) Aniline	6.51	93	175336	6.71	ng	#	1
8) 2-Chlorophenol	6.65	128	533937	34.41	ng		99
10) Phenol	6.51	94	666305	31.56	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	552113	34.97	ng		91
12) 1,3-Dichlorobenzene	6.80	146	628037m	35.89	ng		
13) 1,4-Dichlorobenzene	6.86	146	587050	32.24	ng		99
14) 1,2-Dichlorobenzene	7.02	146	577164	34.86	ng		98
15) Benzyl Alcohol	7.00	79	573133	35.07	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	886271	38.27	ng		95
17) 2-Methylphenol	7.12	107	446020	33.94	ng		99
18) Hexachloroethane	7.37	117	209386	32.16	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	470287	34.38	ng	#	86
20) 3+4-Methylphenols	7.28	107	569489	33.33	ng	#	66
22) Acetophenone	7.26	105	795862	35.65	ng	#	93
24) Nitrobenzene	7.44	77	701526	38.31	ng		93
25) Isophorone	7.68	82	1129089	34.08	ng		99
26) 2-Nitrophenol	7.76	139	293278	38.37	ng	#	68
27) 2,4-Dimethylphenol	7.80	122	525774	38.28	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	756521	40.48	ng		99
29) 2,4-Dichlorophenol	8.00	162	438067	35.29	ng		87
30) 1,2,4-Trichlorobenzene	8.09	180	491801	35.23	ng	#	93
31) Naphthalene	8.16	128	1487533	34.60	ng		99
32) Benzoic acid	7.93	122	328735	34.96	ng		86
33) 4-Chloroaniline	8.21	127	80120m	4.32	ng		
34) Hexachlorobutadiene	8.28	225	293816	33.63	ng		98
35) Caprolactam	8.57	113	129752	33.16	ng	#	88
36) 4-Chloro-3-methylphenol	8.70	107	529484	36.27	ng	#	82
37) 2-Methylnaphthalene	8.85	142	1005757	36.16	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	503272	40.47	ng		98
40) Hexachlorocyclopentadiene	9.01	237	255401	38.23	ng		98
42) 2,4,6-Trichlorophenol	9.14	196	329897	35.54	ng		98

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Quant Time: Nov 09 02:20:40 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.18	196	349477m	38.06	ng		
45) 1,1'-Biphenyl	9.32	154	1262711	38.88	ng		99
46) 2-Chloronaphthalene	9.34	162	990022	39.08	ng		98
47) 2-Nitroaniline	9.44	65	372939	39.69	ng	#	72
48) Acenaphthylene	9.76	152	1447415	36.46	ng		100
49) Dimethylphthalate	9.62	163	1071433	34.56	ng		99
50) 2,6-Dinitrotoluene	9.68	165	235745	35.63	ng		99
51) Acenaphthene	9.93	154	914992	36.37	ng		99
52) 3-Nitroaniline	9.84	138	96154	13.21	ng		97
53) 2,4-Dinitrophenol	9.95	184	101732	28.01	ng	#	9
54) Dibenzofuran	10.10	168	1229234	36.24	ng		94
55) 4-Nitrophenol	10.02	139	342171	61.30	ng	#	77
56) 2,4-Dinitrotoluene	10.08	165	295258	32.89	ng		95
57) Fluorene	10.44	166	972676	35.41	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	257014	34.30	ng	#	87
59) Diethylphthalate	10.32	149	1080887	35.70	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	466941	33.97	ng	#	79
61) 4-Nitroaniline	10.45	138	180905	24.72	ng	#	85
62) Azobenzene	10.59	77	1149960	35.36	ng		89
64) 4,6-Dinitro-2-methylphenol	10.49	198	82635	18.32	ng		97
65) n-Nitrosodiphenylamine	10.56	169	899170	39.31	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	276317	36.24	ng	#	76
67) Hexachlorobenzene	10.99	284	293620	34.49	ng	#	82
68) Atrazine	11.08	200	219799	31.07	ng		97
69) Pentachlorophenol	11.18	266	309635	59.89	ng		99
70) Phenanthrene	11.40	178	1388329	37.75	ng		99
71) Anthracene	11.45	178	1293991	33.40	ng		99
72) Carbazole	11.61	167	1247053	36.78	ng		98
73) Di-n-butylphthalate	11.95	149	1595949	37.78	ng	#	96
74) Fluoranthene	12.59	202	1252636	31.74	ng		94
76) Benzidine	12.71	184	150948	10.53	ng		98
77) Pyrene	12.81	202	1216042	41.42	ng		98
79) Butylbenzylphthalate	13.44	149	560852	43.24	ng		99
80) Benzo(a)anthracene	14.00	228	1035726	38.74	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	261660	27.53	ng		99
82) Chrysene	14.04	228	1030151	42.07	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	756479	42.61	ng	#	96
84) Di-n-octyl phthalate	14.61	149	1260535	42.56	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	962399	45.63	ng		97
87) Benzo(b)fluoranthene	15.04	252	1155145m	38.62	ng		
88) Benzo(k)fluoranthene	15.06	252	824092m	31.06	ng		
89) Benzo(a)pyrene	15.38	252	934513	36.06	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	821612	37.44	ng		98
91) Benzo(g,h,i)perylene	17.25	276	761309	36.22	ng		99

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

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