Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091106.D
Acq On : 9 Nov 2016 3:16
Operator : UM/SJ
Sample : H5593-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-SIDEWALLMS

Manual Integrations APPROVED
umangi
11/9/2016 10:56:59 AM

Quant Time: Nov 09 06:12:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	191993	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	781857	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	379467	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	520575	20.00	ng		0.00
75) Chrysene-d12	13.81	240	419232	20.00	ng		0.00
86) Perylene-d12	15.19	264	367731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1585262	136.37	ng		0.02
7) Phenol-d6	6.33	99	1827216	115.80	ng		0.01
23) Nitrobenzene-d5	7.24	82	1367049	95.38	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	462056	134.69	ng		0.01
44) 2-Fluorobiphenyl	9.04	172	2056716	93.31	ng		0.00
78) Terphenyl-d14	12.76	244	1404071	83.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	173611	26.11	ng		96
3) Pyridine	2.84	79	487415	31.33	ng		98
4) n-Nitrosodimethylamine	2.80	42	222971	36.23	ng		95
6) Aniline	6.33	93	384644	20.67	ng	#	74
8) 2-Chlorophenol	6.45	128	544822	39.29	ng		91
9) Benzaldehyde	6.21	77	57926	6.61	ng		92
10) Phenol	6.34	94	750955	43.00	ng	#	66
11) bis(2-Chloroethyl)ether	6.41	93	611402	41.55	ng		94
12) 1,3-Dichlorobenzene	6.60	146	535679	38.20	ng		97
13) 1,4-Dichlorobenzene	6.68	146	547723	36.40	ng		97
14) 1,2-Dichlorobenzene	6.83	146	492744	35.68	ng		96
15) Benzyl Alcohol	6.82	79	393824	35.38	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	724770	34.40	ng		88
17) 2-Methylphenol	6.94	107	435932	39.71	ng		96
18) Hexachloroethane	7.17	117	203422	34.93	ng		95
19) n-Nitroso-di-n-propylamine	7.09	70	416007	38.05	ng		97
20) 3+4-Methylphenols	7.10	107	561498	42.60	ng		97
22) Acetophenone	7.08	105	737820	40.99	ng	#	95
24) Nitrobenzene	7.25	77	553469	34.97	ng		92
25) Isophorone	7.49	82	1043532	37.78	ng		98
26) 2-Nitrophenol	7.57	139	278190	41.53	ng	#	79
27) 2,4-Dimethylphenol	7.63	122	457643	41.31	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	618765	41.01	ng		98
29) 2,4-Dichlorophenol	7.82	162	397172	41.08	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	409785	37.69	ng		98
31) Naphthalene	7.97	128	1471081	39.34	ng		99
32) Benzoic acid	7.73	122	48001	10.04	ng		100
33) 4-Chloroaniline	8.04	127	209958	13.50	ng		96
34) Hexachlorobutadiene	8.10	225	224631	38.28	ng		96
35) Caprolactam	8.41	113	120717m	39.74	ng		
36) 4-Chloro-3-methylphenol	8.53	107	471878	40.32	ng		92
37) 2-Methylnaphthalene	8.66	142	887964	36.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	395987	40.93	ng		100
40) Hexachlorocyclopentadiene	8.82	237	120039	36.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	253861	40.65	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	277078	42.25	ng		97
45) 1,1'-Biphenyl	9.13	154	1057857	38.18	ng		100
46) 2-Chloronaphthalene	9.15	162	838642	39.87	ng		98
47) 2-Nitroaniline	9.25	65	285504	36.57	ng		90
48) Acenaphthylene	9.56	152	1245503	37.99	ng		100
49) Dimethylphthalate	9.44	163	1232567	49.54	ng		100
50) 2,6-Dinitrotoluene	9.50	165	223104	41.84	ng	#	54
51) Acenaphthene	9.73	154	743705	36.13	ng		99
52) 3-Nitroaniline	9.66	138	171992	27.20	ng		94
53) 2,4-Dinitrophenol	9.79	184	23595	13.75	ng	#	64
54) Dibenzofuran	9.90	168	1075330	38.81	ng		99
55) 4-Nitrophenol	9.85	139	243182	59.34	ng		94
56) 2,4-Dinitrotoluene	9.90	165	277390	40.88	ng	#	86
57) Fluorene	10.25	166	878563	38.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	204394	39.79	ng	#	97
59) Diethylphthalate	10.13	149	970370	38.04	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	425424	41.28	ng		98
61) 4-Nitroaniline	10.28	138	198360	31.01	ng		97
62) Azobenzene	10.40	77	1136177	37.83	ng		82
64) 4,6-Dinitro-2-methylphenol	10.32	198	27933	8.76	ng	#	58
65) n-Nitrosodiphenylamine	10.36	169	736207	44.49	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	234322	43.27	ng		92
67) Hexachlorobenzene	10.80	284	269470	45.12	ng		93
68) Atrazine	10.90	200	234381	49.10	ng		98
69) Pentachlorophenol	10.99	266	214743	81.19	ng		98
70) Phenanthrene	11.21	178	1225837	44.30	ng		99
71) Anthracene	11.25	178	1121116	38.11	ng		99
72) Carbazole	11.41	167	970865	36.62	ng		100
73) Di-n-butylphthalate	11.76	149	1521493	45.63	ng		100
74) Fluoranthene	12.39	202	1012685	35.28	ng		98
76) Benzidine	12.52	184	128487	13.72	ng		97
77) Pyrene	12.61	202	1109069	40.40	ng		99
79) Butylbenzylphthalate	13.24	149	526025	40.05	ng		89
80) Benzo(a)anthracene	13.80	228	931176	39.12	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	232036	27.75	ng	#	98
82) Chrysene	13.84	228	912416	38.87	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	669203	37.65	ng	#	99
84) Di-n-octyl phthalate	14.42	149	1177290	40.29	ng		97
85) Indeno(1,2,3-cd)pyrene	16.48	276	754899	38.76	ng		99
87) Benzo(b)fluoranthene	14.81	252	964843m	38.69	ng		
88) Benzo(k)fluoranthene	14.83	252	876755m	40.07	ng		
89) Benzo(a)pyrene	15.14	252	881078	40.58	ng		98
90) Dibenzo(a,h)anthracene	16.49	278	632427	33.69	ng		100
91) Benzo(g,h,i)perylene	16.87	276	568477	33.49	ng		95

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

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