Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120115\
Data File : BF083393.D
Acq On : 2 Dec 2015 1:32
Operator : UM/IZ
Sample : G4587-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-01MS

Manual Integrations APPROVED
Mmdadoda
12/2/2015 6:12:58 PM

Quant Time: Dec 02 04:30:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 01 01:17:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	150585	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	572284	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	295299	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	560669	20.00	ng		0.00
75) Chrysene-d12	14.75	240	366693	20.00	ng		-0.01
86) Perylene-d12	16.82	264	355476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	537219	53.53	ng		0.01
7) Phenol-d6	6.21	99	487115	35.46	ng		-0.01
23) Nitrobenzene-d5	7.13	82	973039	74.74	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	295958	99.84	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1530452	73.86	ng		0.00
78) Terphenyl-d14	13.22	244	1299058	84.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	81253	14.95	ng	#	89
3) Pyridine	2.64	79	163046	12.00	ng		95
4) n-Nitrosodimethylamine	2.56	42	93505	13.98	ng		96
6) Aniline	6.21	93	289110	15.39	ng		98
8) 2-Chlorophenol	6.34	128	328587	29.68	ng		99
9) Benzaldehyde	6.09	77	185226	25.77	ng		99
10) Phenol	6.22	94	188529	11.41	ng	#	47
11) bis(2-Chloroethyl)ether	6.29	93	431292	35.87	ng		93
12) 1,3-Dichlorobenzene	6.49	146	405581	32.96	ng		98
13) 1,4-Dichlorobenzene	6.57	146	420858	33.09	ng		98
14) 1,2-Dichlorobenzene	6.72	146	364918m	31.28	ng		
15) Benzyl Alcohol	6.72	79	258906	24.39	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	741878	35.17	ng		67
17) 2-Methylphenol	6.84	107	237392	25.73	ng		94
18) Hexachloroethane	7.06	117	142400	32.24	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	331099	33.72	ng	#	91
20) 3+4-Methylphenols	7.00	107	272007	21.77	ng		98
22) Acetophenone	6.97	105	563098	32.89	ng	#	92
24) Nitrobenzene	7.14	77	451672	32.49	ng	#	86
25) Isophorone	7.39	82	877239	34.79	ng		96
26) 2-Nitrophenol	7.46	139	188072	33.14	ng		94
27) 2,4-Dimethylphenol	7.53	122	301475	31.69	ng		99
28) bis(2-Chloroethoxy)methane	7.61	93	537558	37.43	ng		99
29) 2,4-Dichlorophenol	7.71	162	315300	34.46	ng		99
30) 1,2,4-Trichlorobenzene	7.78	180	333602	33.50	ng		96
31) Naphthalene	7.86	128	1122017	36.13	ng		98
32) Benzoic acid	7.63	122	44273	6.75	ng		96
33) 4-Chloroaniline	7.93	127	189181	14.13	ng		97
34) Hexachlorobutadiene	7.98	225	186801	33.04	ng		99
35) Caprolactam	8.29	113	18232	6.31	ng		92
36) 4-Chloro-3-methylphenol	8.42	107	325124	31.68	ng	#	83
37) 2-Methylnaphthalene	8.54	142	710820	34.25	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	318248	34.00	ng		99
40) Hexachlorocyclopentadiene	8.70	237	199935	44.96	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	221690	33.76	ng		98
43) 2,4,5-Trichlorophenol	8.89	196	233770	34.36	ng		97
45) 1,1'-Biphenyl	9.01	154	867121	33.49	ng		94
46) 2-Chloronaphthalene	9.04	162	698322	35.39	ng		99
47) 2-Nitroaniline	9.15	65	268854	34.40	ng		94
48) Acenaphthylene	9.45	152	1101574	35.00	ng		99
49) Dimethylphthalate	9.33	163	876908	36.54	ng		99
50) 2,6-Dinitrotoluene	9.39	165	194677	37.99	ng		91
51) Acenaphthene	9.62	154	657935	35.54	ng		98
52) 3-Nitroaniline	9.56	138	108909	18.13	ng		79
53) 2,4-Dinitrophenol	9.66	184	74845	28.41	ng		95
54) Dibenzofuran	9.79	168	934679	34.45	ng		99
55) 4-Nitrophenol	9.76	139	55489m	14.77	ng		
56) 2,4-Dinitrotoluene	9.79	165	243493	37.44	ng		93
57) Fluorene	10.13	166	783302	36.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	173308	31.58	ng		96
59) Diethylphthalate	10.03	149	868663	37.98	ng		98
60) 4-Chlorophenyl-phenylether	10.13	204	374712	38.06	ng		99
61) 4-Nitroaniline	10.17	138	167713	27.91	ng		93
62) Azobenzene	10.29	77	1062235	38.44	ng		97
64) 4,6-Dinitro-2-methylphenol	10.20	198	70130	18.63	ng		80
65) n-Nitrosodiphenylamine	10.26	169	719888	36.54	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	227935	37.16	ng		97
67) Hexachlorobenzene	10.70	284	245396	36.19	ng		96
68) Atrazine	10.82	200	218617	40.12	ng		98
69) Pentachlorophenol	10.92	266	184690	51.99	ng		99
70) Phenanthrene	11.15	178	1171295	35.30	ng		99
71) Anthracene	11.22	178	1222898	36.61	ng		99
72) Carbazole	11.41	167	1064440	35.47	ng		100
73) Di-n-butylphthalate	11.86	149	1384216	38.92	ng		100
74) Fluoranthene	12.66	202	1097427	31.91	ng		98
76) Benzidine	12.86	184	210560	19.28	ng		98
77) Pyrene	12.97	202	1103036	43.07	ng		99
79) Butylbenzylphthalate	13.96	149	495617	45.62	ng		93
80) Benzo(a)anthracene	14.74	228	829611	36.93	ng		99
81) 3,3'-Dichlorobenzidine	14.73	252	189100	26.95	ng		99
82) Chrysene	14.80	228	771175	35.53	ng		98
83) Bis(2-ethylhexyl)phthalate	14.88	149	680198	46.68	ng		100
84) Di-n-octyl phthalate	15.84	149	1000375	46.10	ng		99
85) Indeno(1,2,3-cd)pyrene	18.20	276	890235	56.31	ng		100
87) Benzo(b)fluoranthene	16.31	252	833617	36.55	ng		98
88) Benzo(k)fluoranthene	16.34	252	638938m	29.67	ng		
89) Benzo(a)pyrene	16.74	252	735991	37.57	ng	#	96
90) Dibenzo(a,h)anthracene	18.23	278	752524	44.08	ng		99
91) Benzo(g,h,i)perylene	18.58	276	740372	44.19	ng		99

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

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