Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083555.D
Acq On : 7 Dec 2015 11:18
Operator : UM/IZ
Sample : G4573-04MSD
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K207-64-65MSD

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:33:47 PM

Quant Time: Dec 07 11:55:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	161983	20.00	ng		-0.03
21) Naphthalene-d8	7.64	136	601267	20.00	ng		-0.03
38) Acenaphthene-d10	10.43	164	268929	20.00	ng		-0.03
63) Phenanthrene-d10	12.82	188	435308	20.00	ng		-0.03
75) Chrysene-d12	17.03	240	329538	20.00	ng		-0.02
86) Perylene-d12	18.65	264	257133	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	1630013	152.67	ng		0.00
7) Phenol-d6	5.32	99	2135880	145.19	ng		0.00
23) Nitrobenzene-d5	6.58	82	1365676	106.17	ng		-0.02
41) 2,4,6-Tribromophenol	11.72	330	326298	131.53	ng		-0.03
44) 2-Fluorobiphenyl	9.39	172	1851490	93.38	ng		-0.03
78) Terphenyl-d14	15.46	244	1308227	88.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	200091	35.73	ng	#	95
3) Pyridine	2.34	79	629135	47.08	ng		97
4) n-Nitrosodimethylamine	2.30	42	344811	51.22	ng		94
6) Aniline	5.30	93	475176	24.82	ng		96
8) 2-Chlorophenol	5.46	128	557935	46.99	ng		98
9) Benzaldehyde	5.13	77	271653	32.21	ng		99
10) Phenol	5.33	94	841599	48.92	ng	#	76
11) bis(2-Chloroethyl)ether	5.40	93	603668	47.35	ng		96
12) 1,3-Dichlorobenzene	5.65	146	601639	45.69	ng		98
13) 1,4-Dichlorobenzene	5.76	146	610787	45.42	ng		99
14) 1,2-Dichlorobenzene	5.97	146	559076	45.21	ng		97
15) Benzyl Alcohol	5.98	79	557216	54.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.17	45	1090263	46.13	ng		81
17) 2-Methylphenol	6.18	107	480557	49.04	ng		99
18) Hexachloroethane	6.45	117	195051	41.56	ng	#	85
19) n-Nitroso-di-n-propylamine	6.38	70	505132	51.47	ng		97
20) 3+4-Methylphenols	6.42	107	645835	50.73	ng		95
22) Acetophenone	6.35	105	852769	49.24	ng		97
24) Nitrobenzene	6.60	77	691692	48.82	ng		95
25) Isophorone	6.97	82	1243646	50.35	ng		97
26) 2-Nitrophenol	7.08	139	264030	47.23	ng	#	87
27) 2,4-Dimethylphenol	7.21	122	496382	50.25	ng		100
28) bis(2-Chloroethoxy)methane	7.32	93	756836	54.98	ng		99
29) 2,4-Dichlorophenol	7.47	162	459390	51.51	ng		95
30) 1,2,4-Trichlorobenzene	7.56	180	487439	49.43	ng		99
31) Naphthalene	7.68	128	1549522	48.42	ng		99
32) Benzoic acid	7.41	122	7486m	3.98	ng		
33) 4-Chloroaniline	7.80	127	184335	14.72	ng		93
34) Hexachlorobutadiene	7.88	225	277845	47.68	ng		98
35) Caprolactam	8.41	113	138832	48.94	ng		92
36) 4-Chloro-3-methylphenol	8.65	107	489882	48.81	ng		99
37) 2-Methylnaphthalene	8.77	142	985456	49.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	436527	49.36	ng	#	100
40) Hexachlorocyclopentadiene	9.02	237	32948	18.64	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	290358	52.30	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	302118	52.83	ng		96
45) 1,1'-Biphenyl	9.54	154	1130882	47.32	ng		99
46) 2-Chloronaphthalene	9.55	162	900552	50.01	ng		96
47) 2-Nitroaniline	9.76	65	344425	53.69	ng		97
48) Acenaphthylene	10.20	152	1383243	46.91	ng		100
49) Dimethylphthalate	10.09	163	1524954	72.04	ng		99
50) 2,6-Dinitrotoluene	10.17	165	223396	50.12	ng		96
51) Acenaphthene	10.49	154	809790	47.72	ng		99
52) 3-Nitroaniline	10.43	138	180667	37.60	ng		91
53) 2,4-Dinitrophenol	10.64	184	18694	14.95	ng		91
54) Dibenzofuran	10.77	168	1243523	52.90	ng		99
55) 4-Nitrophenol	10.82	139	233734	86.36	ng		90
56) 2,4-Dinitrotoluene	10.82	165	272181	46.76	ng	#	93
57) Fluorene	11.32	166	965897	47.23	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.00	232	208520	48.75	ng	#	100
59) Diethylphthalate	11.23	149	1024081	50.28	ng		99
60) 4-Chlorophenyl-phenylether	11.36	204	465068	47.45	ng		91
61) 4-Nitroaniline	11.44	138	194747	44.73	ng		94
62) Azobenzene	11.61	77	1198845	55.16	ng		98
64) 4,6-Dinitro-2-methylphenol	11.49	198	35776	14.78	ng	#	78
65) n-Nitrosodiphenylamine	11.56	169	803842	55.78	ng		98
66) 4-Bromophenyl-phenylether	12.13	248	251011	52.77	ng		95
67) Hexachlorobenzene	12.21	284	269149	52.93	ng	#	89
68) Atrazine	12.48	200	227896	52.29	ng		99
69) Pentachlorophenol	12.57	266	206268	88.73	ng		98
70) Phenanthrene	12.87	178	1205198	47.56	ng		100
71) Anthracene	12.95	178	1227343	47.50	ng		99
72) Carbazole	13.24	167	1052139	47.42	ng		98
73) Di-n-butylphthalate	13.88	149	1454919	54.44	ng		100
74) Fluoranthene	14.79	202	1081662	43.07	ng		98
76) Benzidine	15.06	184	378562	31.80	ng		97
77) Pyrene	15.14	202	1119544	45.41	ng		99
79) Butylbenzylphthalate	16.28	149	510679	52.68	ng		88
80) Benzo(a)anthracene	17.01	228	959918	49.79	ng		99
81) 3,3'-Dichlorobenzidine	17.00	252	286313	46.43	ng		99
82) Chrysene	17.06	228	880497	45.84	ng		99
83) Bis(2-ethylhexyl)phthalate	17.14	149	721425	56.71	ng		98
84) Di-n-octyl phthalate	17.91	149	1135842	62.61	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.91	276	657426	39.93	ng	#	100
87) Benzo(b)fluoranthene	18.27	252	926783m	64.18	ng		
88) Benzo(k)fluoranthene	18.31	252	618890m	41.84	ng		
89) Benzo(a)pyrene	18.60	252	708077	50.41	ng	#	96
90) Dibenzo(a,h)anthracene	19.91	278	578193	42.78	ng		99
91) Benzo(g,h,i)perylene	20.26	276	456215	33.50	ng		97

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

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