Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084958.D
Acq On : 9 Feb 2016 18:06
Operator : SJ/IZ
Sample : H1386-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B005(28-30)MSD

Manual Integrations APPROVED
Sohil
2/10/2016 1:45:03 PM

Quant Time: Feb 10 04:13:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	149443	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	623574	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	301426	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	556288	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	408695	20.00	ng		-0.06
86) Perylene-d12	15.14	264	321731	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1192729	124.31	ng		-0.05
7) Phenol-d6	6.29	99	1610403	135.39	ng		-0.05
23) Nitrobenzene-d5	7.21	82	953359	86.12	ng		-0.06
41) 2,4,6-Tribromophenol	10.46	330	396582	126.13	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1494168	82.71	ng		-0.06
78) Terphenyl-d14	12.74	244	1682976	93.31	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	162317	38.62	ng	#	77
3) Pyridine	2.81	79	526908	48.12	ng	#	70
4) n-Nitrosodimethylamine	2.77	42	261312	46.14	ng	#	80
6) Aniline	6.30	93	281077	19.31	ng	#	2
8) 2-Chlorophenol	6.42	128	477167	43.94	ng		87
9) Benzaldehyde	6.18	77	140776	20.04	ng		93
10) Phenol	6.30	94	525147	39.41	ng	#	74
11) bis(2-Chloroethyl)ether	6.38	93	514880	49.55	ng		90
12) 1,3-Dichlorobenzene	6.57	146	478030m	41.66	ng		
13) 1,4-Dichlorobenzene	6.65	146	479447	41.80	ng		97
14) 1,2-Dichlorobenzene	6.81	146	487168	45.60	ng		98
15) Benzyl Alcohol	6.80	79	440873	53.68	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.93	45	761525	43.57	ng		89
17) 2-Methylphenol	6.92	107	411734	47.94	ng	#	89
18) Hexachloroethane	7.15	117	190910	43.22	ng	#	85
19) n-Nitroso-di-n-propylamine	7.07	70	361224	48.45	ng	#	78
20) 3+4-Methylphenols	7.07	107	512846	48.11	ng	#	85
22) Acetophenone	7.06	105	699893	42.59	ng		98
24) Nitrobenzene	7.23	77	571133	48.18	ng		96
25) Isophorone	7.47	82	946060	43.95	ng		99
26) 2-Nitrophenol	7.55	139	276014	47.21	ng		93
27) 2,4-Dimethylphenol	7.60	122	431477	42.43	ng		93
28) bis(2-Chloroethoxy)methane	7.69	93	575680	45.08	ng		99
29) 2,4-Dichlorophenol	7.79	162	394855	45.38	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	430681	43.82	ng	#	95
31) Naphthalene	7.95	128	1374810	43.95	ng		98
32) Benzoic acid	7.71	122	94519	14.53	ng		92
33) 4-Chloroaniline	8.01	127	137905	10.66	ng	#	91
34) Hexachlorobutadiene	8.06	225	230033	40.59	ng		99
35) Caprolactam	8.38	113	130186m	48.54	ng		
36) 4-Chloro-3-methylphenol	8.51	107	498366	50.21	ng		95
37) 2-Methylnaphthalene	8.64	142	907016	46.33	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	397468	41.52	ng		99
40) Hexachlorocyclopentadiene	8.78	237	292398	72.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	268737	43.57	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	277178	44.23	ng	#	89
45) 1,1'-Biphenyl	9.10	154	1175384	43.66	ng		96
46) 2-Chloronaphthalene	9.13	162	860491	43.40	ng	#	88
47) 2-Nitroaniline	9.23	65	318043	50.66	ng		90
48) Acenaphthylene	9.54	152	1340047	44.54	ng		98
49) Dimethylphthalate	9.41	163	1212962	52.83	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	202131	40.30	ng	#	43
51) Acenaphthene	9.71	154	827429	42.27	ng		98
52) 3-Nitroaniline	9.64	138	129584	22.99	ng	#	72
53) 2,4-Dinitrophenol	9.76	184	186664	80.59	ng		86
54) Dibenzofuran	9.88	168	1160602	48.51	ng		96
55) 4-Nitrophenol	9.82	139	287141	69.33	ng	#	77
56) 2,4-Dinitrotoluene	9.88	165	308938	48.30	ng		92
57) Fluorene	10.22	166	880081	44.05	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	232215	48.68	ng	#	88
59) Diethylphthalate	10.11	149	953771	42.55	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	375294	44.66	ng		92
61) 4-Nitroaniline	10.26	138	261713	47.66	ng		86
62) Azobenzene	10.37	77	972876	45.13	ng		89
64) 4,6-Dinitro-2-methylphenol	10.28	198	142772	41.58	ng	#	51
65) n-Nitrosodiphenylamine	10.34	169	792545	44.87	ng		98
66) 4-Bromophenyl-phenylether	10.70	248	281242	45.77	ng		95
67) Hexachlorobenzene	10.76	284	267323	39.93	ng	#	85
68) Atrazine	10.88	200	292709	52.47	ng		97
69) Pentachlorophenol	10.97	266	255642	81.25	ng		98
70) Phenanthrene	11.17	178	1275098	41.33	ng		98
71) Anthracene	11.23	178	1448913	46.60	ng		100
72) Carbazole	11.39	167	1307807	48.24	ng		98
73) Di-n-butylphthalate	11.72	149	1399605	40.55	ng	#	96
74) Fluoranthene	12.35	202	1358817	43.51	ng		98
76) Benzidine	12.49	184	438137	30.36	ng		96
77) Pyrene	12.58	202	1257488	40.19	ng		99
79) Butylbenzylphthalate	13.22	149	653700	46.05	ng	#	88
80) Benzo(a)anthracene	13.77	228	1130825	44.58	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	154306	17.18	ng	#	96
82) Chrysene	13.80	228	841087	34.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.78	149	805523	45.60	ng	#	98
84) Di-n-octyl phthalate	14.39	149	1212035	41.59	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.40	276	835080	43.13	ng		98
87) Benzo(b)fluoranthene	14.77	252	1050344m	48.59	ng		
88) Benzo(k)fluoranthene	14.80	252	710757m	39.77	ng		
89) Benzo(a)pyrene	15.08	252	796788	43.26	ng	#	96
90) Dibenzo(a,h)anthracene	16.41	278	691392	44.59	ng	#	95
91) Benzo(g,h,i)perylene	16.77	276	712182	45.60	ng		97

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

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