Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
Data File : BF084758.D
Acq On : 2 Feb 2016 20:59
Operator : SJ/IZ
Sample : H1314-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IMPACT-PS-001MS

Manual Integrations APPROVED
MMDadoda
2/3/2016 6:25:38 PM

Quant Time: Feb 03 02:42:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	166736	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	675830	20.00	ng		-0.03
38) Acenaphthene-d10	9.74	164	326700	20.00	ng		-0.02
63) Phenanthrene-d10	11.22	188	610391	20.00	ng		-0.02
75) Chrysene-d12	13.85	240	398804	20.00	ng		-0.02
86) Perylene-d12	15.23	264	351997	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1432660	133.84	ng		-0.01
7) Phenol-d6	6.36	99	1867587	140.73	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1204645	100.41	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	481260	141.22	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	1912801	108.76	ng		-0.02
78) Terphenyl-d14	12.81	244	1907878	108.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	161355	34.41	ng	#	76
3) Pyridine	2.88	79	549058	44.94	ng	#	72
4) n-Nitrosodimethylamine	2.84	42	298271	47.21	ng		80
6) Aniline	6.36	93	662828	40.82	ng	#	75
8) 2-Chlorophenol	6.49	128	572760	47.27	ng		93
9) Benzaldehyde	6.24	77	216276	27.60	ng		91
10) Phenol	6.37	94	819744	55.14	ng		98
11) bis(2-Chloroethyl)ether	6.44	93	549118	47.37	ng	#	83
12) 1,3-Dichlorobenzene	6.64	146	533884m	41.70	ng		
13) 1,4-Dichlorobenzene	6.72	146	558937	43.67	ng		96
14) 1,2-Dichlorobenzene	6.88	146	524923	44.04	ng		95
15) Benzyl Alcohol	6.85	79	458443	50.03	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.99	45	840181	43.08	ng		89
17) 2-Methylphenol	6.98	107	486540	50.77	ng	#	91
18) Hexachloroethane	7.21	117	213972	43.42	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	390688	46.97	ng	#	74
20) 3+4-Methylphenols	7.13	107	592856	49.84	ng	#	59
22) Acetophenone	7.12	105	840382	47.18	ng	#	99
24) Nitrobenzene	7.29	77	557170	43.37	ng		93
25) Isophorone	7.54	82	1135341	48.67	ng		97
26) 2-Nitrophenol	7.61	139	304305	48.03	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	519300	47.12	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	678323	49.01	ng		100
29) 2,4-Dichlorophenol	7.86	162	504766	53.53	ng		94
30) 1,2,4-Trichlorobenzene	7.93	180	477181	44.80	ng		97
31) Naphthalene	8.01	128	1479701	43.65	ng		99
32) Benzoic acid	7.74	122	49691	7.05	ng	#	82
33) 4-Chloroaniline	8.06	127	496428	35.41	ng		98
34) Hexachlorobutadiene	8.13	225	291988	47.54	ng		99
35) Caprolactam	8.45	113	159752m	54.96	ng		
36) 4-Chloro-3-methylphenol	8.57	107	587609	54.62	ng		97
37) 2-Methylnaphthalene	8.70	142	1145319	53.98	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	442982	42.69	ng		98
40) Hexachlorocyclopentadiene	8.85	237	426549	89.03	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	330451	49.44	ng		92
43) 2,4,5-Trichlorophenol	9.04	196	341732	50.31	ng		96
45) 1,1'-Biphenyl	9.17	154	1324455	45.39	ng		95
46) 2-Chloronaphthalene	9.18	162	969090	45.10	ng		97
47) 2-Nitroaniline	9.29	65	324534	47.69	ng		99
48) Acenaphthylene	9.61	152	1559504	47.82	ng		98
49) Dimethylphthalate	9.48	163	1402490	56.36	ng	#	90
50) 2,6-Dinitrotoluene	9.54	165	265601	48.86	ng	#	62
51) Acenaphthene	9.78	154	1023609	48.25	ng		98
52) 3-Nitroaniline	9.71	138	234823	38.44	ng	#	62
53) 2,4-Dinitrophenol	9.81	184	231648	91.44	ng	#	82
54) Dibenzofuran	9.95	168	1424697	54.94	ng		96
55) 4-Nitrophenol	9.89	139	461659	102.84	ng		96
56) 2,4-Dinitrotoluene	9.94	165	307440	44.34	ng	#	77
57) Fluorene	10.29	166	1088914	50.29	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	268144	51.86	ng		92
59) Diethylphthalate	10.18	149	1240695	51.06	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	447053	49.94	ng		92
61) 4-Nitroaniline	10.33	138	317766	53.39	ng		81
62) Azobenzene	10.44	77	1185232	50.73	ng		90
64) 4,6-Dinitro-2-methylphenol	10.35	198	208816	55.43	ng		92
65) n-Nitrosodiphenylamine	10.41	169	967703	49.93	ng		98
66) 4-Bromophenyl-phenylether	10.77	248	343636	50.97	ng		96
67) Hexachlorobenzene	10.83	284	324406	44.16	ng	#	82
68) Atrazine	10.94	200	348306	56.91	ng		93
69) Pentachlorophenol	11.04	266	358702	103.90	ng		98
70) Phenanthrene	11.24	178	1452011	42.89	ng		97
71) Anthracene	11.30	178	1730231	50.72	ng		99
72) Carbazole	11.46	167	1626751	54.69	ng		98
73) Di-n-butylphthalate	11.79	149	1636176	43.20	ng	#	96
74) Fluoranthene	12.43	202	1745452	50.94	ng		94
76) Benzidine	12.56	184	649083	47.64	ng		99
77) Pyrene	12.66	202	1713397	56.12	ng		99
79) Butylbenzylphthalate	13.29	149	770302	55.61	ng	#	87
80) Benzo(a)anthracene	13.84	228	1217737	49.20	ng		97
81) 3,3'-Dichlorobenzidine	13.81	252	274814	31.36	ng		97
82) Chrysene	13.88	228	1207379	50.30	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	912621	52.94	ng	#	96
84) Di-n-octyl phthalate	14.45	149	1369496	48.16	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.53	276	1046178	55.37	ng		99
87) Benzo(b)fluoranthene	14.84	252	1286955m	54.42	ng		
88) Benzo(k)fluoranthene	14.88	252	790073m	40.40	ng		
89) Benzo(a)pyrene	15.17	252	959569	47.62	ng	#	97
90) Dibenzo(a,h)anthracene	16.55	278	862990	50.87	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	888591	52.00	ng		96

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

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