Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083453.D
Acq On : 3 Dec 2015 9:57
Operator : UM/IZ
Sample : G4583-11MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-09(0-8)MSD

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:10:14 PM

Quant Time: Dec 03 12:49:33 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	142718	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	317543	20.00	ng		0.03
38) Acenaphthene-d10	9.58	164	248317	20.00	ng		0.00
63) Phenanthrene-d10	11.14	188	343881	20.00	ng		0.01
75) Chrysene-d12	14.77	240	290230	20.00	ng		0.01
86) Perylene-d12	16.83	264	275312	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1498878	157.59	ng		0.01
7) Phenol-d6	6.22	99	1809010	138.96	ng		0.00
23) Nitrobenzene-d5	7.13	82	1231459	170.48	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	302339	121.29	ng		-0.01
44) 2-Fluorobiphenyl	8.92	172	1834814	105.30	ng		0.00
78) Terphenyl-d14	13.22	244	1291120	106.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	173022	33.60	ng		98
3) Pyridine	2.60	79	581628	45.15	ng		96
4) n-Nitrosodimethylamine	2.57	42	295407	46.59	ng		95
6) Aniline	6.21	93	582314	32.70	ng		89
8) 2-Chlorophenol	6.34	128	507520	48.37	ng		98
9) Benzaldehyde	6.09	77	430348	96.66	ng	#	1
10) Phenol	6.24	94	832115	53.12	ng		91
11) bis(2-Chloroethyl)ether	6.29	93	586059	51.43	ng		94
12) 1,3-Dichlorobenzene	6.48	146	541758m	46.46	ng		
13) 1,4-Dichlorobenzene	6.56	146	547487	45.42	ng		97
14) 1,2-Dichlorobenzene	6.72	146	455613	41.20	ng	#	91
15) Benzyl Alcohol	6.72	79	499185	49.61	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.84	45	941363	47.08	ng	#	51
17) 2-Methylphenol	6.84	107	432901	49.50	ng		96
18) Hexachloroethane	7.06	117	240104	57.35	ng	#	76
19) n-Nitroso-di-n-propylamine	6.99	70	452141	48.59	ng		97
20) 3+4-Methylphenols	7.00	107	586401	49.51	ng		97
22) Acetophenone	6.98	105	830857	87.45	ng	#	97
24) Nitrobenzene	7.14	77	650398	84.32	ng	#	88
25) Isophorone	7.41	82	1235261	88.28	ng	#	98
26) 2-Nitrophenol	7.47	139	287301	91.24	ng	#	83
27) 2,4-Dimethylphenol	7.55	122	477398	90.44	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	679009m	85.21	ng		
29) 2,4-Dichlorophenol	7.76	162	432387m	85.17	ng		
30) 1,2,4-Trichlorobenzene	7.85	180	421444m	76.27	ng		
31) Naphthalene	7.93	128	26046130	1511.74	ng	#	79
32) Benzoic acid	7.66	122	151712	41.67	ng	#	80
34) Hexachlorobutadiene	7.98	225	237800	75.79	ng		99
35) Caprolactam	8.30	113	177150	110.44	ng	#	89
36) 4-Chloro-3-methylphenol	8.44	107	464370	81.55	ng		98
37) 2-Methylnaphthalene	8.57	142	5930979	515.08	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	370244	47.04	ng		98
40) Hexachlorocyclopentadiene	8.70	237	19723	5.27	ng		97
42) 2,4,6-Trichlorophenol	8.84	196	274417	49.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.90	196	283215	49.51	ng		97
45) 1,1'-Biphenyl	9.02	154	3113483	142.98	ng		93
46) 2-Chloronaphthalene	9.04	162	773595	46.62	ng		99
47) 2-Nitroaniline	9.15	65	393637	59.90	ng		87
48) Acenaphthylene	9.46	152	3858706	145.79	ng		96
49) Dimethylphthalate	9.33	163	1253024	62.09	ng		99
50) 2,6-Dinitrotoluene	9.40	165	205666	47.72	ng		95
51) Acenaphthene	9.64	154	4883955	313.70	ng		97
52) 3-Nitroaniline	9.57	138	172140	34.08	ng		85
53) 2,4-Dinitrophenol	9.69	184	25174	12.75	ng	#	1
54) Dibenzofuran	9.79	168	1474168	64.61	ng	#	96
55) 4-Nitrophenol	9.76	139	278006m	87.99	ng		
56) 2,4-Dinitrotoluene	9.81	165	302837	55.38	ng	#	68
57) Fluorene	10.14	166	3640735	202.08	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.93	232	206932	44.83	ng	#	76
59) Diethylphthalate	10.03	149	918243	47.74	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	360062	43.50	ng		96
61) 4-Nitroaniline	10.17	138	208783	41.31	ng		89
62) Azobenzene	10.29	77	1078757	46.42	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.22	198	24325	10.54	ng	#	23
65) n-Nitrosodiphenylamine	10.25	169	815320	67.47	ng		94
66) 4-Bromophenyl-phenylether	10.62	248	236744	62.94	ng	#	88
67) Hexachlorobenzene	10.72	284	230621	55.45	ng	#	82
68) Atrazine	10.84	200	230670	69.02	ng		99
69) Pentachlorophenol	10.96	266	242592	111.34	ng		99
70) Phenanthrene	11.20	178	12720915m	625.09	ng		
71) Anthracene	11.24	178	4169270	203.50	ng		95
72) Carbazole	11.41	167	1091572	59.30	ng		99
73) Di-n-butylphthalate	11.85	149	1326414	60.80	ng		99
74) Fluoranthene	12.69	202	7158286	339.34	ng		96
76) Benzidine	12.88	184	554977	64.20	ng		99
77) Pyrene	13.01	202	9109548m	449.43	ng		
79) Butylbenzylphthalate	13.95	149	486323	56.56	ng		94
80) Benzo(a)anthracene	14.76	228	4158013	233.85	ng		94
81) 3,3'-Dichlorobenzidine	14.74	252	283046	50.96	ng		96
82) Chrysene	14.82	228	3745312m	218.01	ng		
83) Bis(2-ethylhexyl)phthalate	14.85	149	699313	60.63	ng		99
84) Di-n-octyl phthalate	15.83	149	1188789	69.21	ng		98
85) Indeno(1,2,3-cd)pyrene	18.21	276	1915469	153.09	ng		98
87) Benzo(b)fluoranthene	16.33	252	4186921m	237.01	ng		
88) Benzo(k)fluoranthene	16.36	252	1016730m	60.95	ng		
89) Benzo(a)pyrene	16.77	252	3700937	243.92	ng	#	95
90) Dibenzo(a,h)anthracene	18.23	278	826061	62.48	ng		97
91) Benzo(g,h,i)perylene	18.60	276	1935978	149.20	ng		97

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

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