Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083452.D
Acq On : 3 Dec 2015 9:26
Operator : UM/IZ
Sample : G4583-10MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

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

Manual Integrations APPROVED
Mmdadoda
12/3/2015 7:10:13 PM

Quant Time: Dec 03 12:36:35 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	131976	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	378938	20.00	ng		0.01
38) Acenaphthene-d10	9.58	164	227601	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	351381	20.00	ng		0.00
75) Chrysene-d12	14.75	240	279881	20.00	ng		-0.01
86) Perylene-d12	16.81	264	256947	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.14	112	1383062	157.25	ng		0.01
7) Phenol-d6	6.22	99	1816207	150.87	ng		0.00
23) Nitrobenzene-d5	7.12	82	1142730	132.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.37	330	304445	133.25	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1622444	101.58	ng		-0.01
78) Terphenyl-d14	13.21	244	1249041	106.43	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	167377	35.14	ng	#	87
3) Pyridine	2.60	79	538946	45.24	ng		97
4) n-Nitrosodimethylamine	2.57	42	277361	47.30	ng		93
6) Aniline	6.21	93	534591	32.46	ng		89
8) 2-Chlorophenol	6.34	128	482282	49.71	ng		92
9) Benzaldehyde	6.08	77	307563	59.16	ng	#	82
10) Phenol	6.24	94	770814	53.22	ng		100
11) bis(2-Chloroethyl)ether	6.29	93	549762	52.18	ng		94
12) 1,3-Dichlorobenzene	6.48	146	498770	46.25	ng		97
13) 1,4-Dichlorobenzene	6.56	146	522332	46.86	ng		97
14) 1,2-Dichlorobenzene	6.72	146	454846	44.48	ng	#	94
15) Benzyl Alcohol	6.70	79	451197	48.49	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	907288	49.07	ng		58
17) 2-Methylphenol	6.84	107	418113	51.70	ng		97
18) Hexachloroethane	7.05	117	198383	51.25	ng	#	84
19) n-Nitroso-di-n-propylamine	6.98	70	394448	45.84	ng		91
20) 3+4-Methylphenols	7.00	107	565210	51.60	ng		99
22) Acetophenone	6.97	105	734233	64.76	ng		96
24) Nitrobenzene	7.14	77	634241	68.90	ng		92
25) Isophorone	7.39	82	1125219	67.39	ng		97
26) 2-Nitrophenol	7.46	139	249752	66.46	ng	#	86
27) 2,4-Dimethylphenol	7.54	122	451405	71.66	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	632069	66.47	ng	#	98
29) 2,4-Dichlorophenol	7.73	162	411717	67.96	ng		94
30) 1,2,4-Trichlorobenzene	7.81	180	430290	65.25	ng		98
31) Naphthalene	7.89	128	17065958	830.04	ng	#	84
32) Benzoic acid	7.66	122	160784	37.01	ng		89
33) 4-Chloroaniline	7.93	127	169377m	19.11	ng		
34) Hexachlorobutadiene	7.98	225	241650	64.54	ng		98
35) Caprolactam	8.29	113	143883	75.16	ng	#	92
36) 4-Chloro-3-methylphenol	8.43	107	451996	66.52	ng		91
37) 2-Methylnaphthalene	8.56	142	3426462	249.36	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	393120	54.49	ng		97
40) Hexachlorocyclopentadiene	8.70	237	31468	9.18	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	265583	52.48	ng		99
43) 2,4,5-Trichlorophenol	8.89	196	273917	52.24	ng		95
45) 1,1'-Biphenyl	9.01	154	1840263	92.20	ng		94
46) 2-Chloronaphthalene	9.04	162	807007	53.06	ng		95
47) 2-Nitroaniline	9.14	65	318483	52.87	ng	#	78
48) Acenaphthylene	9.45	152	2585180	106.56	ng		96
49) Dimethylphthalate	9.32	163	1144636	61.88	ng		99
50) 2,6-Dinitrotoluene	9.39	165	200803	50.84	ng		97
51) Acenaphthene	9.63	154	3118363	218.52	ng		98
52) 3-Nitroaniline	9.56	138	147414	31.84	ng		82
53) 2,4-Dinitrophenol	9.68	184	37650	19.56	ng	#	87
54) Dibenzofuran	9.79	168	1358618	64.97	ng		92
55) 4-Nitrophenol	9.76	139	281575m	97.23	ng		
56) 2,4-Dinitrotoluene	9.79	165	257565	51.39	ng		98
57) Fluorene	10.13	166	2297399	139.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	205690	48.62	ng	#	75
59) Diethylphthalate	10.02	149	835017	47.36	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	323739	42.67	ng	#	87
61) 4-Nitroaniline	10.17	138	212096	45.79	ng		96
62) Azobenzene	10.28	77	1075458	50.50	ng		95
64) 4,6-Dinitro-2-methylphenol	10.20	198	34411	14.59	ng	#	48
65) n-Nitrosodiphenylamine	10.25	169	813947	65.92	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	230376	59.94	ng		99
67) Hexachlorobenzene	10.69	284	234066	55.07	ng	#	74
68) Atrazine	10.83	200	230416	67.47	ng		95
69) Pentachlorophenol	10.93	266	237461	106.66	ng		99
70) Phenanthrene	11.17	178	7292701m	350.70	ng		
71) Anthracene	11.22	178	3088550	147.54	ng		98
72) Carbazole	11.40	167	1022802	54.38	ng		99
73) Di-n-butylphthalate	11.85	149	1336310	59.95	ng		99
74) Fluoranthene	12.67	202	4430601	205.55	ng		99
76) Benzidine	12.87	184	543310	65.17	ng		97
77) Pyrene	12.99	202	5472787	279.99	ng		93
79) Butylbenzylphthalate	13.95	149	475147	57.30	ng		85
80) Benzo(a)anthracene	14.74	228	2690202	156.89	ng		94
81) 3,3'-Dichlorobenzidine	14.72	252	279929	52.27	ng		96
82) Chrysene	14.80	228	2251068	135.88	ng		98
83) Bis(2-ethylhexyl)phthalate	14.85	149	673299	60.53	ng		98
84) Di-n-octyl phthalate	15.83	149	1110337	67.04	ng		97
85) Indeno(1,2,3-cd)pyrene	18.20	276	1350115	111.90	ng		98
87) Benzo(b)fluoranthene	16.32	252	2416805m	146.59	ng		
88) Benzo(k)fluoranthene	16.34	252	1168364m	75.05	ng		
89) Benzo(a)pyrene	16.75	252	2274374	160.61	ng	#	96
90) Dibenzo(a,h)anthracene	18.21	278	717947	58.18	ng		99
91) Benzo(g,h,i)perylene	18.58	276	1270906	104.94	ng		98

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

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