Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003720.D
Acq On : 22 Dec 2015 22:26
Operator : UM/SJ
Sample : G4913-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-2MS

Manual Integrations APPROVED
apatel
12/23/2015 3:46:49 PM

Quant Time: Dec 23 00:17:41 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 09 18:52:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	31699	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	125558	20.00	ng		-0.04
38) Acenaphthene-d10	14.35	164	65955	20.00	ng		-0.03
63) Phenanthrene-d10	17.09	188	141445	20.00	ng		-0.03
75) Chrysene-d12	21.29	240	166214	20.00	ng		-0.03
86) Perylene-d12	23.54	264	175603	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	302527	169.68	ng		-0.02
7) Phenol-d6	6.88	99	389405	157.28	ng		-0.02
23) Nitrobenzene-d5	8.85	82	231935	114.53	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	107708	163.52	ng		-0.03
44) 2-Fluorobiphenyl	12.96	172	500815	103.45	ng		-0.03
78) Terphenyl-d14	19.73	244	599259	85.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	33670	45.51	ng	#	100
3) Pyridine	3.58	79	97228	46.92	ng		89
4) n-Nitrosodimethylamine	3.49	42	38179	57.54	ng		91
6) Aniline	7.02	93	94224	28.91	ng		97
8) 2-Chlorophenol	7.26	128	114528	50.73	ng		97
9) Benzaldehyde	6.83	77	37413	30.82	ng		98
10) Phenol	6.90	94	140642	53.54	ng	#	72
11) bis(2-Chloroethyl)ether	7.12	93	103940	48.90	ng		97
12) 1,3-Dichlorobenzene	7.58	146	119974	48.38	ng		98
13) 1,4-Dichlorobenzene	7.73	146	122433	47.88	ng		97
14) 1,2-Dichlorobenzene	8.05	146	118045	48.34	ng		97
15) Benzyl Alcohol	7.93	79	92143	53.78	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	110282	48.57	ng		93
17) 2-Methylphenol	8.14	107	91823	49.99	ng		97
18) Hexachloroethane	8.76	117	42337	48.18	ng		93
19) n-Nitroso-di-n-propylamine	8.50	70	77606	47.79	ng		90
20) 3+4-Methylphenols	8.47	107	123988	48.79	ng		97
22) Acetophenone	8.51	105	160028	52.00	ng	#	92
24) Nitrobenzene	8.89	77	118381	54.07	ng		92
25) Isophorone	9.41	82	207514	50.66	ng		96
26) 2-Nitrophenol	9.60	139	56743	51.24	ng	#	87
27) 2,4-Dimethylphenol	9.66	122	99962	51.84	ng		95
28) bis(2-Chloroethoxy)methane	9.90	93	130224	52.91	ng		98
29) 2,4-Dichlorophenol	10.13	162	99216	54.02	ng		97
30) 1,2,4-Trichlorobenzene	10.35	180	104313	50.87	ng		98
31) Naphthalene	10.53	128	340864	51.88	ng		100
32) Benzoic acid	9.77	122	27925	27.27	ng		98
33) 4-Chloroaniline	10.65	127	43028m	15.86	ng		
34) Hexachlorobutadiene	10.82	225	60757	49.96	ng		98
35) Caprolactam	11.41	113	29931m	49.29	ng		
36) 4-Chloro-3-methylphenol	11.78	107	106355	51.35	ng		88
37) 2-Methylnaphthalene	12.15	142	237142	52.62	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	109216	51.51	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	118332	100.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	74010	53.52	ng		99
43) 2,4,5-Trichlorophenol	12.85	196	79582	54.75	ng	#	89
45) 1,1'-Biphenyl	13.17	154	289610	49.52	ng		99
46) 2-Chloronaphthalene	13.22	162	222235	51.73	ng	#	92
47) 2-Nitroaniline	13.43	65	59433	55.77	ng		97
48) Acenaphthylene	14.07	152	362568	50.62	ng		100
49) Dimethylphthalate	13.80	163	371666	68.38	ng		99
50) 2,6-Dinitrotoluene	13.93	165	59614	52.57	ng		97
51) Acenaphthene	14.41	154	212997	51.32	ng		99
52) 3-Nitroaniline	14.26	138	34163	29.44	ng		84
53) 2,4-Dinitrophenol	14.47	184	53267	82.86	ng	#	83
54) Dibenzofuran	14.75	168	336266	56.10	ng		92
55) 4-Nitrophenol	14.58	139	108067	112.76	ng		81
56) 2,4-Dinitrotoluene	14.72	165	82737	56.23	ng	#	74
57) Fluorene	15.40	166	264551	53.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	66488	59.51	ng	#	100
59) Diethylphthalate	15.17	149	272649	51.09	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	125868	50.09	ng		94
61) 4-Nitroaniline	15.42	138	58624	49.46	ng	#	73
62) Azobenzene	15.69	77	249096	59.55	ng		97
64) 4,6-Dinitro-2-methylphenol	15.49	198	40823	47.84	ng		87
65) n-Nitrosodiphenylamine	15.61	169	232294	51.94	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	74404	48.79	ng	#	85
67) Hexachlorobenzene	16.40	284	81994	50.04	ng	#	82
68) Atrazine	16.56	200	77306	55.43	ng		98
69) Pentachlorophenol	16.75	266	89717	95.92	ng		98
70) Phenanthrene	17.14	178	417162	52.56	ng		100
71) Anthracene	17.23	178	419727	53.22	ng		99
72) Carbazole	17.50	167	402392	58.56	ng		100
73) Di-n-butylphthalate	18.06	149	449985	56.03	ng		99
74) Fluoranthene	19.16	202	478862	58.50	ng		98
76) Benzidine	19.35	184	189921	35.67	ng		99
77) Pyrene	19.53	202	504026	43.24	ng		99
79) Butylbenzylphthalate	20.43	149	217465	48.44	ng		93
80) Benzo(a)anthracene	21.28	228	503769	50.55	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	157133	49.52	ng		99
82) Chrysene	21.33	228	461483	48.12	ng		99
83) Bis(2-ethylhexyl)phthalate	21.21	149	316584	51.42	ng		99
84) Di-n-octyl phthalate	22.09	149	573535	56.39	ng		96
85) Indeno(1,2,3-cd)pyrene	25.81	276	627970	62.32	ng	#	100
87) Benzo(b)fluoranthene	22.87	252	529613	49.62	ng		97
88) Benzo(k)fluoranthene	22.91	252	519297	49.83	ng		98
89) Benzo(a)pyrene	23.44	252	522098	52.00	ng	#	98
90) Dibenzo(a,h)anthracene	25.81	278	526139	53.67	ng		98
91) Benzo(g,h,i)perylene	26.50	276	522181	52.72	ng		98

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

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