Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122515\
Data File : BM003784.D
Acq On : 24 Dec 2015 18:45
Operator : UM/SJ
Sample : PB87511BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87511BS

Manual Integrations APPROVED
Sohil
12/28/2015 6:00:30 PM

Quant Time: Dec 25 01:17:17 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	7.68	152	53568	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	233046	20.00	ng		-0.04
38) Acenaphthene-d10	14.34	164	130999	20.00	ng		-0.04
63) Phenanthrene-d10	17.09	188	284993	20.00	ng		-0.04
75) Chrysene-d12	21.29	240	282164	20.00	ng		-0.04
86) Perylene-d12	23.52	264	240096	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	446093	148.06	ng		-0.03
7) Phenol-d6	6.87	99	591271	141.32	ng		-0.02
23) Nitrobenzene-d5	8.85	82	351509	93.52	ng		-0.04
41) 2,4,6-Tribromophenol	15.83	330	181964	139.09	ng		-0.04
44) 2-Fluorobiphenyl	12.96	172	817264	85.00	ng		-0.04
78) Terphenyl-d14	19.72	244	974882	81.48	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.18	88	46519	37.21	ng	#	100
3) Pyridine	3.56	79	139533	39.84	ng		91
4) n-Nitrosodimethylamine	3.49	42	56614	50.49	ng		93
6) Aniline	7.02	93	203096	36.88	ng		98
8) 2-Chlorophenol	7.25	128	185750	48.69	ng		97
9) Benzaldehyde	6.83	77	48731	23.75	ng		96
10) Phenol	6.89	94	225844	50.87	ng	#	72
11) bis(2-Chloroethyl)ether	7.12	93	160874	44.79	ng		99
12) 1,3-Dichlorobenzene	7.57	146	183069	43.68	ng		98
13) 1,4-Dichlorobenzene	7.72	146	188654	43.65	ng		96
14) 1,2-Dichlorobenzene	8.03	146	180690	43.79	ng		96
15) Benzyl Alcohol	7.93	79	151285	52.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	178416	46.50	ng		92
17) 2-Methylphenol	8.13	107	154530	49.79	ng		97
18) Hexachloroethane	8.76	117	66864	45.03	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	126990	46.27	ng		90
20) 3+4-Methylphenols	8.46	107	208112	48.46	ng		97
22) Acetophenone	8.50	105	254051	44.48	ng	#	92
24) Nitrobenzene	8.89	77	192173	47.29	ng		92
25) Isophorone	9.40	82	351952	46.29	ng		96
26) 2-Nitrophenol	9.59	139	94530	45.99	ng	#	89
27) 2,4-Dimethylphenol	9.66	122	175610	49.07	ng		93
28) bis(2-Chloroethoxy)methane	9.89	93	220255	48.22	ng		99
29) 2,4-Dichlorophenol	10.13	162	171773	50.39	ng		98
30) 1,2,4-Trichlorobenzene	10.34	180	168028	44.14	ng		97
31) Naphthalene	10.52	128	549720	45.08	ng		100
32) Benzoic acid	9.82	122	88887	41.61	ng		98
33) 4-Chloroaniline	10.64	127	94111	18.69	ng	#	94
34) Hexachlorobutadiene	10.80	225	99969	44.29	ng		98
35) Caprolactam	11.42	113	56060m	49.74	ng		
36) 4-Chloro-3-methylphenol	11.77	107	189116	49.20	ng		89
37) 2-Methylnaphthalene	12.14	142	398755	47.67	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	187447	44.51	ng	#	100
40) Hexachlorocyclopentadiene	12.49	237	215831	91.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	132496	48.24	ng		99
43) 2,4,5-Trichlorophenol	12.84	196	142309	49.30	ng	#	90
45) 1,1'-Biphenyl	13.16	154	504412	43.42	ng		99
46) 2-Chloronaphthalene	13.21	162	382514	44.83	ng	#	93
47) 2-Nitroaniline	13.42	65	108988	51.49	ng		97
48) Acenaphthylene	14.06	152	646303	45.43	ng		100
49) Dimethylphthalate	13.80	163	494596	45.82	ng		99
50) 2,6-Dinitrotoluene	13.92	165	108764	48.29	ng		96
51) Acenaphthene	14.40	154	370642	44.96	ng		99
52) 3-Nitroaniline	14.25	138	62760	27.23	ng		82
53) 2,4-Dinitrophenol	14.46	184	102782	80.69	ng	#	84
54) Dibenzofuran	14.74	168	592107	49.73	ng		93
55) 4-Nitrophenol	14.57	139	187598	98.56	ng		79
56) 2,4-Dinitrotoluene	14.72	165	150751	51.59	ng	#	73
57) Fluorene	15.39	166	463278	46.94	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	120697	54.39	ng	#	100
59) Diethylphthalate	15.17	149	507792	47.91	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	223349	44.75	ng		94
61) 4-Nitroaniline	15.42	138	114130	48.48	ng	#	74
62) Azobenzene	15.68	77	461654	55.56	ng		97
64) 4,6-Dinitro-2-methylphenol	15.48	198	74949	43.59	ng		87
65) n-Nitrosodiphenylamine	15.60	169	421461	46.77	ng		99
66) 4-Bromophenyl-phenylether	16.28	248	138167	44.96	ng	#	87
67) Hexachlorobenzene	16.40	284	150066	45.46	ng	#	84
68) Atrazine	16.56	200	146437	52.11	ng		98
69) Pentachlorophenol	16.74	266	170410	90.42	ng		98
70) Phenanthrene	17.13	178	751543	46.99	ng		99
71) Anthracene	17.22	178	753728	47.43	ng		99
72) Carbazole	17.49	167	704001	50.85	ng		100
73) Di-n-butylphthalate	18.06	149	850879	52.58	ng		99
74) Fluoranthene	19.15	202	834476	50.60	ng		96
76) Benzidine	19.34	184	393943	43.58	ng		99
77) Pyrene	19.52	202	854751	43.19	ng		100
79) Butylbenzylphthalate	20.42	149	384563	50.46	ng		92
80) Benzo(a)anthracene	21.27	228	775369	45.83	ng		99
81) 3,3'-Dichlorobenzidine	21.20	252	172775	32.07	ng		99
82) Chrysene	21.32	228	706915	43.42	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	542544	51.91	ng		98
84) Di-n-octyl phthalate	22.07	149	938006	54.32	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.79	276	684641	40.02	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	709780	48.63	ng		97
88) Benzo(k)fluoranthene	22.90	252	689776	48.41	ng		99
89) Benzo(a)pyrene	23.43	252	667484	48.62	ng	#	97
90) Dibenzo(a,h)anthracene	25.79	278	567107	42.31	ng		98
91) Benzo(g,h,i)perylene	26.47	276	564993	41.72	ng		99

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

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