Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003714.D
Acq On : 22 Dec 2015 18:47
Operator : UM/SJ
Sample : PB87468BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87468BS

Manual Integrations APPROVED
apatel
12/23/2015 3:46:44 PM

Quant Time: Dec 22 23:59:41 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	39070	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	167334	20.00	ng		-0.03
38) Acenaphthene-d10	14.35	164	78620	20.00	ng		-0.03
63) Phenanthrene-d10	17.10	188	119371	20.00	ng		-0.02
75) Chrysene-d12	21.30	240	113182	20.00	ng		-0.02
86) Perylene-d12	23.54	264	103142	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	304227	138.44	ng		-0.02
7) Phenol-d6	6.88	99	334358	109.57	ng		-0.02
23) Nitrobenzene-d5	8.85	82	221465	82.06	ng		-0.03
41) 2,4,6-Tribromophenol	15.85	330	77609	98.84	ng		-0.02
44) 2-Fluorobiphenyl	12.96	172	504198	87.37	ng		-0.03
78) Terphenyl-d14	19.73	244	390296	81.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	30491	33.44	ng	#	100
3) Pyridine	3.58	79	100227	39.24	ng		90
4) n-Nitrosodimethylamine	3.50	42	37589	45.96	ng		92
6) Aniline	7.02	93	116882	29.10	ng		97
8) 2-Chlorophenol	7.26	128	122046	43.86	ng		96
9) Benzaldehyde	6.83	77	28597	19.11	ng		98
10) Phenol	6.90	94	124185	38.35	ng	#	74
11) bis(2-Chloroethyl)ether	7.12	93	109239	41.70	ng		99
12) 1,3-Dichlorobenzene	7.58	146	128396	42.00	ng		97
13) 1,4-Dichlorobenzene	7.73	146	127741	40.53	ng		97
14) 1,2-Dichlorobenzene	8.05	146	112563	37.40	ng		96
15) Benzyl Alcohol	7.93	79	83848	39.71	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.23	45	111345	39.79	ng		93
17) 2-Methylphenol	8.14	107	85005	37.55	ng		96
18) Hexachloroethane	8.76	117	41842	38.64	ng		92
19) n-Nitroso-di-n-propylamine	8.50	70	79967	39.95	ng		90
20) 3+4-Methylphenols	8.47	107	127852	40.82	ng		97
22) Acetophenone	8.52	105	164504	40.11	ng	#	91
24) Nitrobenzene	8.89	77	109114	37.40	ng		91
25) Isophorone	9.41	82	223112	40.87	ng		97
26) 2-Nitrophenol	9.60	139	61582	41.73	ng	#	90
27) 2,4-Dimethylphenol	9.67	122	111683	43.46	ng		94
28) bis(2-Chloroethoxy)methane	9.90	93	140965	42.98	ng		99
29) 2,4-Dichlorophenol	10.13	162	107044	43.73	ng		99
30) 1,2,4-Trichlorobenzene	10.35	180	114389	41.85	ng		97
31) Naphthalene	10.53	128	369212	42.17	ng		100
32) Benzoic acid	9.80	122	51001	35.20	ng		97
33) 4-Chloroaniline	10.65	127	39939	11.05	ng	#	94
34) Hexachlorobutadiene	10.82	225	68802	42.45	ng		99
35) Caprolactam	11.41	113	30135m	37.24	ng		
36) 4-Chloro-3-methylphenol	11.78	107	108888	39.45	ng		88
37) 2-Methylnaphthalene	12.15	142	251949	41.95	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	116550	46.11	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	138481	98.23	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	74270	45.05	ng		99
43) 2,4,5-Trichlorophenol	12.85	196	80558	46.50	ng	#	88
45) 1,1'-Biphenyl	13.17	154	302331	43.36	ng		98
46) 2-Chloronaphthalene	13.22	162	229399	44.80	ng	#	92
47) 2-Nitroaniline	13.43	65	58001	45.66	ng		97
48) Acenaphthylene	14.07	152	365903	42.86	ng		99
49) Dimethylphthalate	13.81	163	270178	41.70	ng		99
50) 2,6-Dinitrotoluene	13.93	165	57985	42.90	ng		96
51) Acenaphthene	14.41	154	208223	42.09	ng		99
52) 3-Nitroaniline	14.26	138	26232	18.96	ng	#	83
53) 2,4-Dinitrophenol	14.47	184	54306	71.85	ng	#	84
54) Dibenzofuran	14.75	168	304853	42.66	ng		93
55) 4-Nitrophenol	14.58	139	88155	77.17	ng		79
56) 2,4-Dinitrotoluene	14.72	165	72148	41.14	ng	#	74
57) Fluorene	15.40	166	210440	35.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	58417	43.86	ng	#	100
59) Diethylphthalate	15.17	149	229480	36.08	ng		97
60) 4-Chlorophenyl-phenylether	15.39	204	102592	34.25	ng		91
61) 4-Nitroaniline	15.43	138	46976	33.25	ng	#	72
62) Azobenzene	15.69	77	201091	40.33	ng		96
64) 4,6-Dinitro-2-methylphenol	15.49	198	33773	46.89	ng		85
65) n-Nitrosodiphenylamine	15.61	169	177019	46.90	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	55897	43.43	ng	#	83
67) Hexachlorobenzene	16.40	284	61144	44.22	ng	#	82
68) Atrazine	16.56	200	55637	47.27	ng		99
69) Pentachlorophenol	16.75	266	64976	82.31	ng		98
70) Phenanthrene	17.14	178	298636	44.58	ng		100
71) Anthracene	17.23	178	300224	45.11	ng		99
72) Carbazole	17.50	167	269497	46.48	ng		99
73) Di-n-butylphthalate	18.06	149	316814	46.74	ng		99
74) Fluoranthene	19.16	202	317658	45.98	ng		99
76) Benzidine	19.35	184	118766	32.75	ng		100
77) Pyrene	19.52	202	325997	41.07	ng		99
79) Butylbenzylphthalate	20.43	149	136314	44.59	ng		93
80) Benzo(a)anthracene	21.28	228	292436	43.09	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	64458	29.83	ng		99
82) Chrysene	21.33	228	271820	41.62	ng		100
83) Bis(2-ethylhexyl)phthalate	21.21	149	190158	45.36	ng		98
84) Di-n-octyl phthalate	22.09	149	330221	47.68	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.80	276	315923	46.04	ng	#	100
87) Benzo(b)fluoranthene	22.87	252	280357	44.72	ng		97
88) Benzo(k)fluoranthene	22.91	252	274346	44.82	ng		99
89) Benzo(a)pyrene	23.44	252	271717	46.08	ng	#	98
90) Dibenzo(a,h)anthracene	25.81	278	264879	46.00	ng		99
91) Benzo(g,h,i)perylene	26.50	276	268035	46.08	ng		99

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

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