Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003711.D
Acq On : 22 Dec 2015 16:58
Operator : UM/SJ
Sample : PB87153BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB87153BSD

Manual Integrations APPROVED
apatel
12/23/2015 3:46:40 PM

Quant Time: Dec 22 23:54:22 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	36484	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	160943	20.00	ng		-0.04
38) Acenaphthene-d10	14.35	164	82840	20.00	ng		-0.03
63) Phenanthrene-d10	17.10	188	163374	20.00	ng		-0.02
75) Chrysene-d12	21.30	240	142045	20.00	ng		-0.02
86) Perylene-d12	23.54	264	144048	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	306682	149.45	ng		-0.02
7) Phenol-d6	6.87	99	331472	116.32	ng		-0.02
23) Nitrobenzene-d5	8.85	82	202101	77.86	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	90414	109.29	ng		-0.02
44) 2-Fluorobiphenyl	12.96	172	448511	73.76	ng		-0.03
78) Terphenyl-d14	19.73	244	471836	78.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	24613	28.91	ng	#	100
3) Pyridine	3.58	79	94874	39.78	ng		92
4) n-Nitrosodimethylamine	3.50	42	36173	47.37	ng		86
6) Aniline	7.02	93	96453	25.71	ng		97
8) 2-Chlorophenol	7.26	128	118184	45.48	ng		97
9) Benzaldehyde	6.83	77	11873	8.50	ng		98
10) Phenol	6.90	94	122044	40.36	ng	#	73
11) bis(2-Chloroethyl)ether	7.12	93	105212	43.01	ng		99
12) 1,3-Dichlorobenzene	7.58	146	111008	38.89	ng		97
13) 1,4-Dichlorobenzene	7.73	146	112690	38.29	ng		97
14) 1,2-Dichlorobenzene	8.05	146	105475	37.53	ng		96
15) Benzyl Alcohol	7.93	79	79572	40.35	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	96251	36.83	ng		92
17) 2-Methylphenol	8.14	107	80001	37.84	ng		94
18) Hexachloroethane	8.76	117	42776	42.30	ng		93
19) n-Nitroso-di-n-propylamine	8.50	70	68647	36.73	ng		89
20) 3+4-Methylphenols	8.47	107	107268	36.68	ng		96
22) Acetophenone	8.52	105	143999	36.51	ng	#	90
24) Nitrobenzene	8.89	77	107419	38.28	ng		92
25) Isophorone	9.41	82	185264	35.29	ng		97
26) 2-Nitrophenol	9.60	139	51974	36.61	ng	#	89
27) 2,4-Dimethylphenol	9.67	122	105429	42.65	ng		95
28) bis(2-Chloroethoxy)methane	9.90	93	116905	37.06	ng		99
29) 2,4-Dichlorophenol	10.13	162	89357	37.95	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	97938	37.26	ng		97
31) Naphthalene	10.53	128	349264	41.47	ng		100
32) Benzoic acid	9.80	122	43545	32.07	ng		94
33) 4-Chloroaniline	10.65	127	38915	11.19	ng	#	94
34) Hexachlorobutadiene	10.82	225	59989	38.48	ng		96
35) Caprolactam	11.41	113	26631m	34.21	ng		
36) 4-Chloro-3-methylphenol	11.78	107	94391	35.56	ng		89
37) 2-Methylnaphthalene	12.15	142	212623	36.81	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	109391	41.08	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	130965	88.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	67344	38.77	ng		100
43) 2,4,5-Trichlorophenol	12.85	196	70559	38.65	ng	#	88
45) 1,1'-Biphenyl	13.17	154	265533	36.15	ng		99
46) 2-Chloronaphthalene	13.22	162	201092	37.27	ng	#	93
47) 2-Nitroaniline	13.43	65	50973	38.08	ng		97
48) Acenaphthylene	14.07	152	368806	41.00	ng		100
49) Dimethylphthalate	13.81	163	271501	39.77	ng	#	99
50) 2,6-Dinitrotoluene	13.93	165	59101	41.50	ng		96
51) Acenaphthene	14.41	154	212567	40.78	ng		99
52) 3-Nitroaniline	14.26	138	28735	19.71	ng		84
53) 2,4-Dinitrophenol	14.47	184	58553	73.37	ng	#	83
54) Dibenzofuran	14.75	168	331207	43.99	ng		93
55) 4-Nitrophenol	14.57	139	97775	81.23	ng		78
56) 2,4-Dinitrotoluene	14.72	165	78433	42.44	ng	#	73
57) Fluorene	15.40	166	226764	36.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	61071	43.52	ng	#	100
59) Diethylphthalate	15.17	149	236194	35.24	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	109446	34.68	ng		90
61) 4-Nitroaniline	15.43	138	49325	33.14	ng	#	74
62) Azobenzene	15.69	77	231250	44.01	ng		97
64) 4,6-Dinitro-2-methylphenol	15.49	198	38113	38.67	ng		86
65) n-Nitrosodiphenylamine	15.61	169	198195	38.37	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	66614	37.82	ng	#	85
67) Hexachlorobenzene	16.40	284	71753	37.91	ng	#	81
68) Atrazine	16.56	200	63455	39.39	ng		97
69) Pentachlorophenol	16.75	266	77891	72.10	ng		98
70) Phenanthrene	17.14	178	397570	43.37	ng		100
71) Anthracene	17.23	178	396750	43.56	ng		99
72) Carbazole	17.50	167	338794	42.69	ng		99
73) Di-n-butylphthalate	18.06	149	382475	41.23	ng		99
74) Fluoranthene	19.16	202	389324	41.18	ng		98
76) Benzidine	19.35	184	164774	36.21	ng		99
77) Pyrene	19.53	202	431416	43.31	ng		99
79) Butylbenzylphthalate	20.43	149	158649	41.36	ng		94
80) Benzo(a)anthracene	21.28	228	355400	41.73	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	76041	28.04	ng		99
82) Chrysene	21.33	228	322891	39.39	ng		100
83) Bis(2-ethylhexyl)phthalate	21.21	149	228820	43.49	ng		98
84) Di-n-octyl phthalate	22.09	149	418863	48.19	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.81	276	398594	46.28	ng	#	100
87) Benzo(b)fluoranthene	22.87	252	351126	40.10	ng		98
88) Benzo(k)fluoranthene	22.91	252	325046	38.02	ng		99
89) Benzo(a)pyrene	23.44	252	366200	44.46	ng	#	97
90) Dibenzo(a,h)anthracene	25.81	278	332127	41.30	ng		98
91) Benzo(g,h,i)perylene	26.50	276	335453	41.29	ng		99

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

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