Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122315\
Data File : BM003731.D
Acq On : 23 Dec 2015 05:07
Operator : UM/SJ
Sample : G4869-11MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : LTCWC-01MSD

Manual Integrations APPROVED
apatel
12/23/2015 3:47:09 PM

Quant Time: Dec 23 06:10:58 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	42469	20.00	ng		-0.03
21) Naphthalene-d8	10.48	136	169539	20.00	ng		-0.04
38) Acenaphthene-d10	14.35	164	86831	20.00	ng		-0.03
63) Phenanthrene-d10	17.09	188	174131	20.00	ng		-0.03
75) Chrysene-d12	21.29	240	174322	20.00	ng		-0.03
86) Perylene-d12	23.53	264	172193	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	306497	128.31	ng		-0.02
7) Phenol-d6	6.87	99	380320	114.66	ng		-0.02
23) Nitrobenzene-d5	8.85	82	285788	104.52	ng		-0.03
41) 2,4,6-Tribromophenol	15.84	330	125771	145.04	ng		-0.03
44) 2-Fluorobiphenyl	12.96	172	630643	98.95	ng		-0.03
78) Terphenyl-d14	19.73	244	681102	92.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	41454	41.82	ng	#	100
3) Pyridine	3.59	79	114438	41.22	ng		91
4) n-Nitrosodimethylamine	3.50	42	47766	53.73	ng		95
6) Aniline	7.02	93	121788	27.89	ng		97
8) 2-Chlorophenol	7.26	128	137571	45.48	ng		97
9) Benzaldehyde	6.83	77	34832	21.42	ng		96
10) Phenol	6.90	94	140385	39.89	ng	#	72
11) bis(2-Chloroethyl)ether	7.12	93	130560	45.85	ng		99
12) 1,3-Dichlorobenzene	7.58	146	147528	44.40	ng		97
13) 1,4-Dichlorobenzene	7.73	146	151723	44.28	ng		96
14) 1,2-Dichlorobenzene	8.05	146	146653	44.83	ng		97
15) Benzyl Alcohol	7.93	79	117634	51.25	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	141649	46.57	ng		94
17) 2-Methylphenol	8.14	107	112853	45.86	ng		97
18) Hexachloroethane	8.76	117	53966	45.84	ng		92
19) n-Nitroso-di-n-propylamine	8.50	70	99678	45.81	ng		90
20) 3+4-Methylphenols	8.47	107	148585	43.64	ng		97
22) Acetophenone	8.51	105	203846	49.06	ng	#	91
24) Nitrobenzene	8.89	77	151915	51.39	ng		92
25) Isophorone	9.41	82	269811	48.78	ng		96
26) 2-Nitrophenol	9.60	139	61137	40.89	ng	#	89
27) 2,4-Dimethylphenol	9.66	122	126752	48.68	ng		93
28) bis(2-Chloroethoxy)methane	9.90	93	167213	50.32	ng		98
29) 2,4-Dichlorophenol	10.13	162	122255	49.30	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	132727	47.93	ng		97
31) Naphthalene	10.53	128	837516	94.40	ng		100
32) Benzoic acid	9.75	122	8885	2.21	ng		95
33) 4-Chloroaniline	10.65	127	56528	15.44	ng	#	93
34) Hexachlorobutadiene	10.82	225	77926	47.46	ng		97
35) Caprolactam	11.41	113	31750m	38.72	ng		
36) 4-Chloro-3-methylphenol	11.78	107	131424	46.99	ng		89
37) 2-Methylnaphthalene	12.15	142	350022	57.52	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	140870	50.46	ng	#	100
40) Hexachlorocyclopentadiene	12.50	237	144886	93.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	91063	50.02	ng		99
43) 2,4,5-Trichlorophenol	12.85	196	96601	50.48	ng	#	90
45) 1,1'-Biphenyl	13.17	154	385854	50.11	ng		99
46) 2-Chloronaphthalene	13.22	162	284351	50.28	ng	#	92
47) 2-Nitroaniline	13.43	65	77124	54.97	ng		97
48) Acenaphthylene	14.07	152	468072	49.64	ng		100
49) Dimethylphthalate	13.80	163	344442	48.14	ng		99
50) 2,6-Dinitrotoluene	13.93	165	75041	50.27	ng		96
51) Acenaphthene	14.41	154	321835	58.90	ng		99
52) 3-Nitroaniline	14.26	138	51734	33.86	ng		83
53) 2,4-Dinitrophenol	14.47	184	15396	23.50	ng	#	84
54) Dibenzofuran	14.75	168	470869	59.66	ng		93
55) 4-Nitrophenol	14.57	139	95845	75.97	ng		76
56) 2,4-Dinitrotoluene	14.72	165	102231	52.78	ng	#	73
57) Fluorene	15.40	166	365288	55.83	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.97	232	80988	55.06	ng	#	100
59) Diethylphthalate	15.17	149	343894	48.95	ng		98
60) 4-Chlorophenyl-phenylether	15.39	204	159641	48.25	ng		93
61) 4-Nitroaniline	15.42	138	80342	51.49	ng	#	73
62) Azobenzene	15.69	77	317670	57.68	ng		97
64) 4,6-Dinitro-2-methylphenol	15.49	198	22756	21.66	ng		86
65) n-Nitrosodiphenylamine	15.61	169	291362	52.92	ng		99
66) 4-Bromophenyl-phenylether	16.29	248	93769	49.94	ng	#	85
67) Hexachlorobenzene	16.40	284	103265	51.19	ng	#	83
68) Atrazine	16.56	200	95854	55.83	ng		98
69) Pentachlorophenol	16.75	266	103172	89.60	ng		99
70) Phenanthrene	17.14	178	566753	58.00	ng		100
71) Anthracene	17.23	178	516731	53.22	ng		99
72) Carbazole	17.50	167	493487	58.34	ng		100
73) Di-n-butylphthalate	18.06	149	553127	55.94	ng		99
74) Fluoranthene	19.16	202	561781	55.75	ng		96
76) Benzidine	19.34	184	223172	39.96	ng		99
77) Pyrene	19.52	202	587295	48.04	ng		100
79) Butylbenzylphthalate	20.43	149	238962	50.76	ng		93
80) Benzo(a)anthracene	21.27	228	533748	51.07	ng		99
81) 3,3'-Dichlorobenzidine	21.22	252	132525	39.82	ng		99
82) Chrysene	21.33	228	488703	48.58	ng		100
83) Bis(2-ethylhexyl)phthalate	21.20	149	337313	52.24	ng		98
84) Di-n-octyl phthalate	22.09	149	586187	54.95	ng		96
85) Indeno(1,2,3-cd)pyrene	25.80	276	659126	62.37	ng	#	100
87) Benzo(b)fluoranthene	22.86	252	548218	52.38	ng		98
88) Benzo(k)fluoranthene	22.90	252	493520	48.30	ng		98
89) Benzo(a)pyrene	23.44	252	522067	53.03	ng	#	98
90) Dibenzo(a,h)anthracene	25.81	278	549579	57.17	ng		98
91) Benzo(g,h,i)perylene	26.49	276	566605	58.34	ng		99

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

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